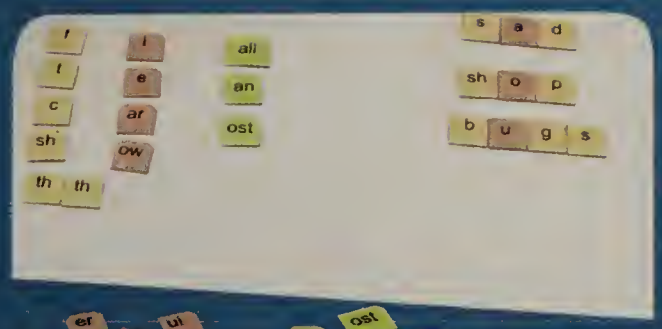
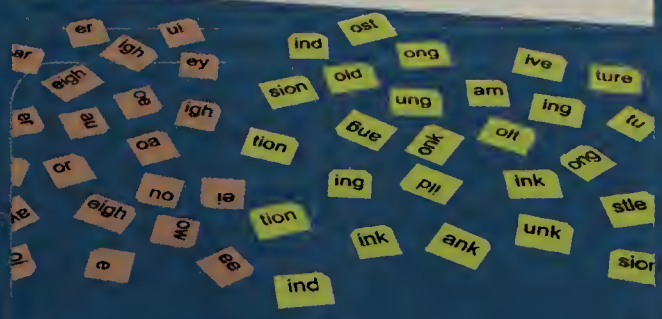
INSTRUCTIONAL PRODUCTS CATALOG *and Parts Catalog*

American Printing House for the Blind, Inc.

2015-2016





Education **Technology**

Rehabilitation **Recreation**

http://shop.aph.org

We're proud to introduce...

...this year's new products! Covering a broad spectrum of needs for people who are blind and visually impaired, they're featured on the pages indicated.

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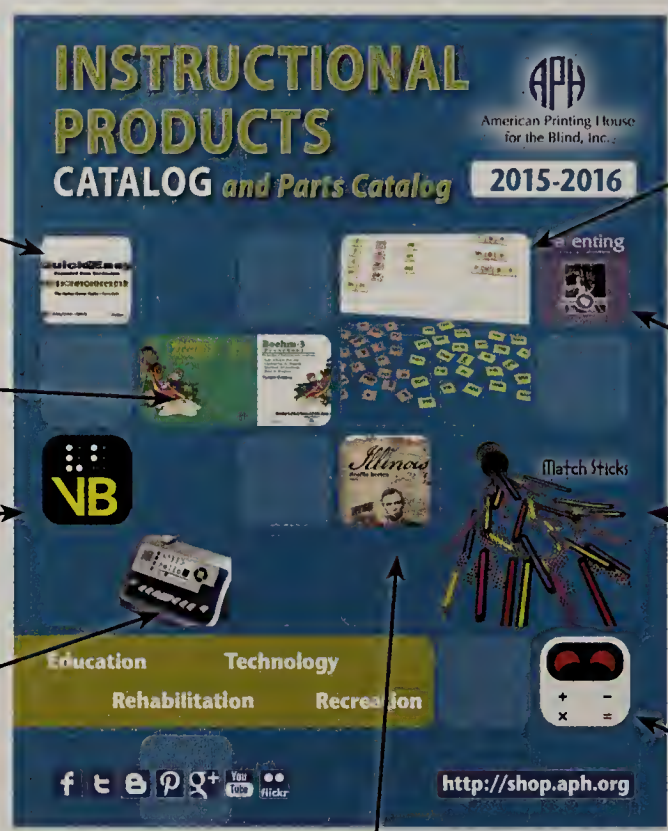

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American Printing House for the Blind

INSTRUCTIONAL PRODUCTS CATALOG 2015-2016

APH Mission Statement

To promote independence of blind and visually impaired persons by providing specialized materials, products, and services needed for education and life.

APH Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

Core Curriculum and Expanded Core Curriculum

by Dr. Philip Hatlen

Core Curriculum

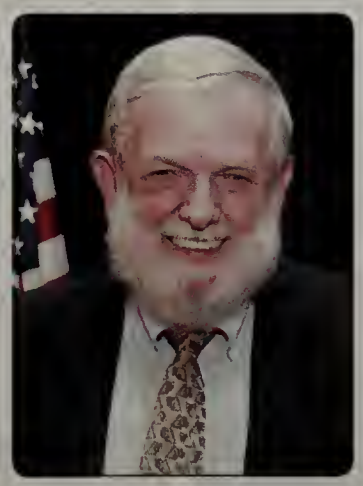
Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

Most professionals firmly believe that visually impaired students need an expanded core curriculum that requires additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to the visually impaired student.

Note: Dr. Philip Hatlen authored the introductory copy at the beginning of each of the Expanded Core Curriculum sections in this catalog.

Dr. Philip Hatlen is the retired Superintendent of the Texas School for the Blind and Visually Impaired, Austin, and served as an Ex Officio Trustee of APH for many years.



Dr. Philip Hatlen

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • P.O. Box 6085
Louisville, Kentucky 40206-0085
Phone: 502-895-2405 • **800-223-1839** • Fax: 502-899-2284
info@aph.org • www.aph.org • **http://shop.aph.org**

General Information

Service for Over 155 Years

Since 1858 the American Printing House for the Blind (APH) has been creating unique products for people who are visually impaired, blind, and deafblind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living.

Recommended Ages for Products

Recommended ages for products in this catalog are expressed as functional age rather than chronological age.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds, such as checks, credit cards, or purchase orders. Most items can also be purchased with Federal Quota funds through an Ex Officio Trustee. Please see the overview of Federal Quota on the back cover of this catalog. Prices in this catalog are effective as of **June 1, 2015**. ***Prices are subject to change without notice.***

PARTS Parts Available Icon

Products with replacement parts available are marked with this icon. Refer to the *APH Replacement Parts Catalog* in the back of this book.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB UEB Icon

Products identified with this icon are transcribed in Unified English Braille (UEB).

Ordering on the Web

Please visit our online shopping site:
http://shop.aph.org
You can browse and search for APH products, then order using Federal Quota funds, a purchase order, or a credit card.

Questions? Credit Card Order?

APH provides a toll-free number for:

- Placing credit card orders
- Questions about existing orders or status of products under repair
- Questions about products and services
- Technical Support

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: **1-800-223-1839** (U.S. and Canada) or email **cs@aph.org**

Downloadable Manuals Icon

Selected APH products have manuals available for immediate, free-of-charge download. You are free to print or emboss these manuals as needed.

APH will continue to package hard copies of these manuals with their products. We will also continue to sell hard copy manuals as replacements. We do not keep these manuals in stock, but make them on demand as orders are placed for them; therefore, please allow several weeks for delivery.

Please visit our downloadable manuals page at:
http://www.aph.org/manuals/index.html

VELCRO®, VELTEX®, and VELCOIN® are registered trademarks of Velcro Industries B.V.

Notice: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and other adults with children who are blind and visually impaired. These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.

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APH Products for Persons with Multiple Disabilities, Including Deafblindness

Girl with Rib-It-Ball

Children and adults with multiple disabilities, including deafblindness, are diverse in their abilities, strengths, and interests. Some APH products have been developed for individuals with multiple disabilities in mind, and many others are also appropriate for use by this population. When choosing products for any child or adult it is important to keep in mind the age, abilities, and interests of that individual.

Below are examples of APH products that you may wish to consider for children and adults who have multiple disabilities, including deafblindness.

APH Intervention Continuum
Three Sequential Kits

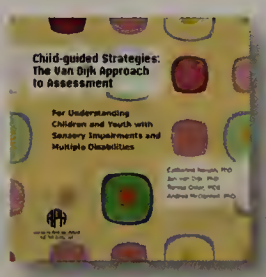
APH recommends that learners use the following three products sequentially:

Sensory Learning Kit (SLK) — pg. 26
This kit is an extensive set of sensory items and written materials that help the most significantly challenged learners increase their curiosity and develop specific skills.

SAM: Symbols and Meaning — pg. 81
A kit for students with visual and multiple impairments & pre-school children with visual impairments who are just beginning to use symbols.

Tactile Connections: Symbols for Communication — pg. 81
Helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy.

STACS: Standardized Tactile Augmentative Communication Symbols Kit — pg. 82
Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS helps teach a beginning standardized vocabulary.



***Child-guided Strategies: The van Dijk Approach to Assessment* — pg. 14**
An easy-to-use guidebook with an accompanying DVD that follows the assessment of a baby, a young child, and a teenager.

CVI Complexity Sequences Kit — pg. 135
Includes cards designed to refine the ability to identify a target in the presence of increasing amounts of background information.

TADPOLE Kit — pg. 6
Tools and Activities for the Development of Visual Skills (TADPOLE) is an array of activities, materials, and tools for use with learners who are ages 0-2 years.

Spangle Tangle — pg. 31
Fun, twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

APH Homegrown Videos — pg. 174
Complete List.

***Students Who Are Deafblind Using APH Products* — pg. 156**

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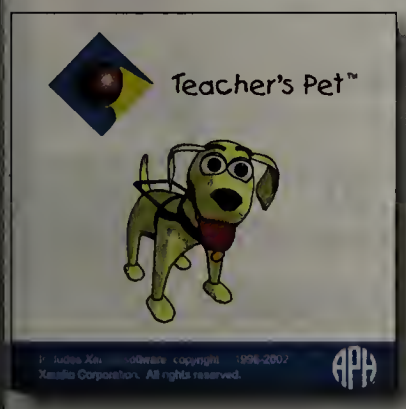


Teacher's Pet™ Software

Teacher's Pet software can be used by either teachers or parents to create accessible drills, practice exercises, or tests for students who are blind and visually impaired. This program allows the creation of both audio and large print tests. It can record test sessions to track student progress.

Recommended ages: all (dictated by the tests created.)

Teacher's Pet,
CD-ROM: D-03460-00.....$89.00
Digital Download: D-03460-ED.....$79.00

Note: Find detailed software purchasing instructions in the "How to Order" section, **pg. 209**.
Download APH Software Demos: **http://tech.aph.org/**

TADPOLE Kit

Tools and Activities for the Development of Visual Skills (TADPOLE) is a set of standardized tools that helps practitioners perform functional vision evaluations or visual skills development activities. It is similar to APH's ToAD kit, but is geared for younger learners. TADPOLE is a natural precursor to the ToAD Program.

The *Practitioner's Guidebook* contains suggested activities, primarily for use with students who are very young (0-2 level), or who have communication and/or cognitive delays.

Note: *Practitioners should purchase the ToAD kit prior to use of the TADPOLE kit, since items from ToAD are needed when a student's personal items are not available.*

TADPOLE Kit Includes:

- Object Cards
- TADPOLE Mini-Lite Box overlays
- Report of Visual Skills (10-pk.)
- Black & White Coloring Cards (5-pk.)
- *Practitioner's Guidebook*, Large Print
- *Tasha Tadpole's Puzzle Book*, Large Print

Notes: Both the *Practitioner's Guidebook* and *Tasha Tadpole's Puzzle Book* are available separately in braille versions. The optional Soft Snap Puzzles are useful with both TADPOLE and ToAD activities. TADPOLE also functions as the Vision Modality section for APH's Sensory Learning Kit (SLK).

TADPOLE Kit: 1-08155-00.....$404.00

The CD content for TADPOLE is available as a single .ZIP file from: **http://www.aph.org/manuals/TADPOLE.zip**

Optional Items:

Soft Snap Puzzles (8-pk.): 1-08155-06.....$59.00

TADPOLE *Practitioner's Guidebook*, Braille w/CD: 5-08155-00.....$47.00

Tasha Tadpole's Puzzle Book, Braille: 5-08155-01.....$32.00

Example TADPOLE Object Cards

Replacement Items:

TADPOLE *Practitioner's Guidebook*: Large Print w/CD: 7-08155-00.....$47.00

Tasha Tadpole's Puzzle Book: Large Print: 1-08155-01.....$175.00

Object Cards: 1-08155-02.....$15.00

TADPOLE Mini-Lite Box Overlays: 1-08155-03.....$84.00

Report of Visual Skills (10-pk.): 1-08155-04.....$11.50

Black & White Coloring Cards (5-pk.): 1-08155-05.....$52.00

Custom Production of Accessible Tests

APH will work with you to make your test items accessible in: **BRAILLE, TACTILE GRAPHICS, LARGE PRINT, AUDIO** and **ELECTRONIC FILES** for online testing. For more information, contact APH's **Accessible Tests Dept.** at **1-800-223-1839** or **tests@aph.org**. For a price list, custom contract quote, or information on status of an order, ask for **Contract Administration.**

PARTS ToAD: Tools for Assessment and Development of Visual Skills

This set of standardized tools aids in performing functional vision evaluations or visual skills development activities. ToAD does not provide a curriculum—there are several excellent curricula available, including ISAVE *(discontinued)* from APH. The ToAD kit provides tools, toys, and puzzles that assist the educator as he or she performs assessments or activities. In addition to its uses for assessment and for vision development activities, ToAD serves as the Vision Modality for the Sensory Learning Kit.

Recommended ages: 2.5 – 5 years.

ToAD Kit: 1-08152-00.....$667.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Optional Items:

SQUIRE ToAD's Puzzle Book, **Braille: 5-08152-05.....$26.00**

ToAD Teacher's Guidebook, **Braille: 5-08152-00.....$36.00**

Replacement Items:

APH Innovations Tote Bag: 4-66001-01.....$19.50
***SQUIRE ToAD's Puzzle Book,* Large Print: 1-08152-05.....$55.00**
***ToAD Teacher's Guidebook,* Large Print: 7-08152-00.....$36.00**
ToAD Object Cards (set of 168): 1-08152-01.....$32.00
ToAD Light Source Items: 1-08152-02.....$131.00

ToADally Awesome! Homegrown Series Video

The one-and-only APH ToAD Kit mascot, Squire ToAD, invites viewers to learn about APH's versatile ToAD Kit.

Discover how the tools, toys, and puzzles in the ToAD (Tools for Assessment and Development of Visual Skills) Kit can play an essential part in your student's vision curriculum, activities, and development. Video stars APH's own Low Vision Project Leader Elaine Kitchel to answer your questions.

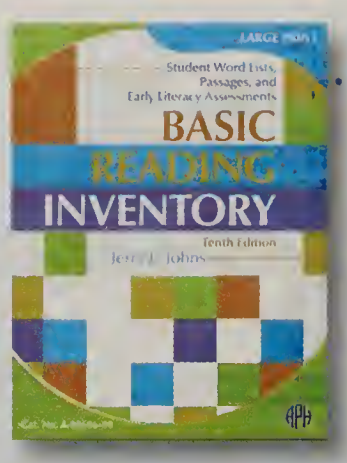
Questions addressed:

- What is ToAD?
- What are the parts of ToAD?
- Why use ToAD?
- How do I use the components?
- How does the vision team use ToAD?
- How should I prepare my child/student and the environment to use ToAD?

Bonus! Homegrown musical number, starring Squire ToAD, included.

Approximate run time: 16 minutes. Closed captioned and subtitles.

***ToADally Awesome!* DVD: 1-30023-DVD.....$10.00**



Basic Reading Inventory ("Johns"), Tenth Edition

A popular informal reading inventory that helps educators easily determine a student's instructional, independent, and frustration reading levels & listening levels based on speed, accuracy, and comprehension.

Unique features of the APH accessible versions of the *Johns* student book:

- **Braille Edition:** contracted or uncontracted braille formats
- **Large Print Edition:** formatting for maximum readability
- Early literacy assessments and extra passages
- "New Shoes" bound story
- Spiral bound books in binders
- Notes for the test administrator about differences between the regular print edition and each of the accessible versions

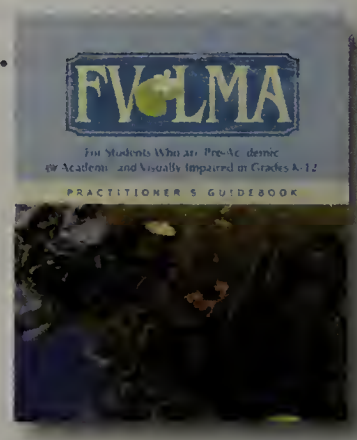
Student Word Lists, Passages, and Early Literacy Assessments:

Student Assessment:

Large Print: 4-00606-00.....$73.00
Uncontracted Braille: 5-00605-00.....$140.00
Contracted Braille: 5-00606-00.....$144.00

Note: APH does not sell the John's 10th Edition administrative guide or CD.

Functional Vision and Learning Media Assessment (FVLMA)



FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, *FVLMA* has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

***FVLMA* Kit: 7-96151-00.....$67.00**

Recommended ages: Students who are pre-academic or academic in grades K-12.

Optional Items:

***FVLMA Practitioner's Guidebook*, Braille with CD-ROM: 5-96153-00.....$75.00**

Protocols, Large Print: 7-96154-00.....$45.00

Replacement Items:

***FVLMA* Protocols, Print: 7-96152-00.....$22.00**
***FVLMA Practitioner's Guidebook*, Print w/CD-ROM: 7-96153-00.....$45.00**

GED® Basics, 2002

GED Basics, 2002 is an introductory guide to the basic skills you need to tackle the *General Educational Development (GED)* test.

GED Basics, 2002:

Braille (4 vol.): T-N1405-40.....$136.00
Audio
CD: D-53866-CD.....$3.00
Flash Cartridge: D-53866-FC.....$10.00

Note: *GED Basics 2002* Braille Edition is produced on receipt of your order. Please allow several weeks for delivery.

Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R): Student Braille Edition

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate. The 23 subtests have been grouped into 14 braille modules.

Recommended ages: Pre-K – 9.

Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green): **Student Braille Edition: 5-00000-00.....$274.00**

Optional Item: Large Print/Braille Toss-Away Ruler (24-pk.): **1-03010-00.....$16.00**

Note: *The Brigance student large print & braille editions were designed to be used only in conjunction with the print inventory.* To order the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc., North Billerica, MA, 800-225-0248, Fax: 800-366-1158, **www.curriculumassociates.com**

Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R): Student Large Print Edition

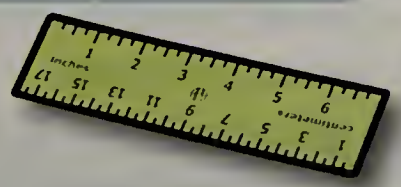
CIBS-R, also known as Brigance Green, is a criterion-referenced inventory that assesses, on an individual basis, a student's strengths or weaknesses in specific skill areas. The CIBS-R has been especially useful in support of Individual Educational Plan (IEP) development and program planning.

Recommended ages: Pre-K – 9.

Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green): **Student, Large Print: 4-00000-00.....$153.00**

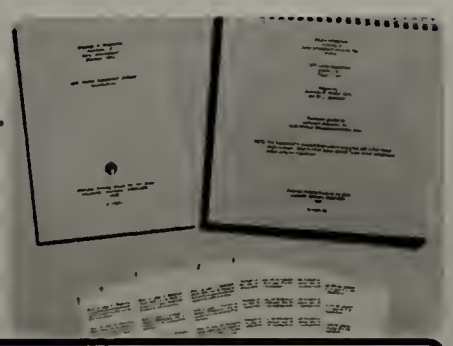
Replacement Items:

Large Print Toss-Away Ruler (24-pk.): 1-03011-00.....$10.00
GlaReducers (4-pk.): 1-03062-00.....$11.50



Note: Administration and scoring of this large print edition should be carried out by trained paraprofessionals and professionals precisely in accordance with instructions found in the regular print edition.

Brigance® Diagnostic Inventory of Early Development (Yellow): APH Tactile Supplement, Revised 1991



A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP).

Recommended ages: Birth – K.

5-17681-00.....$122.00

Note: The *APH Tactile Supplement* was designed to be used only in conjunction with the print inventory.

Woodcock-Johnson® III (WJ III): Tests of Achievement, Large Print Edition

This is a full-color large print edition of one of the most widely used diagnostic tests for ages 2 and up. The *WJ III* is commonly used to identify learning disabilities and for gathering details on individual strengths and weaknesses in preparation for educational planning.

The APH Innovations Tote is a roomy canvas bag, convenient for carrying and storing the *WJ III Large Print* test materials. It is sold separately.

Woodcock-Johnson III: Tests of Achievement, Large Print,
(2 vol. & 1 pkg. of GlaReducers): 4-66000-00.....$99.00

Optional Item: APH Innovations Tote Bag: 4-66001-01.....$19.50

Replacement Item: GlaReducers (4-pk.)**: 1-03062-00.....$11.50**

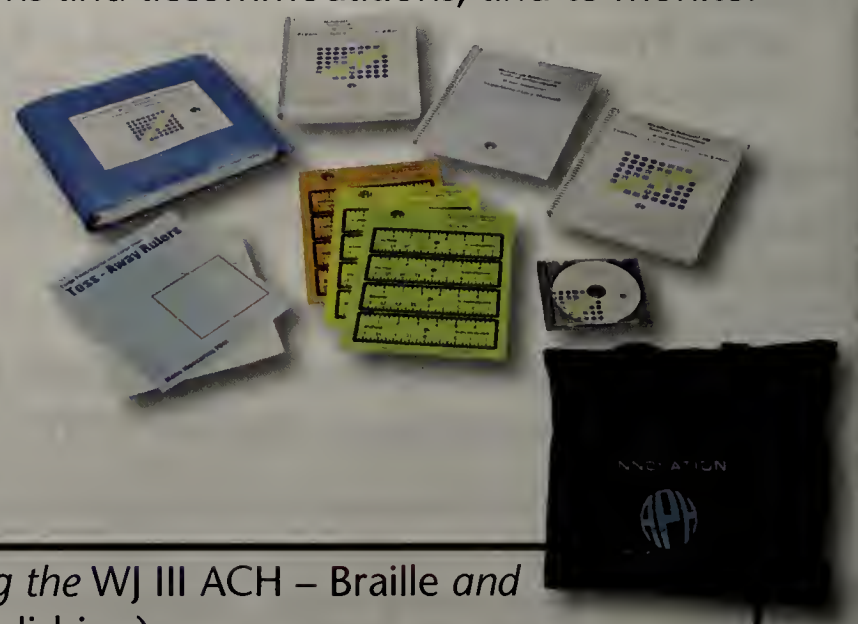
Note: In order to administer the *Woodcock-Johnson III Tests of Achievement, Large Print Edition,* you must have training in administration of the *Woodcock-Johnson III Tests of Achievement.* Examiners must own or purchase the regular print test and materials, including the audio CD, manuals, CompuScore® CD, and Test Records (available only through Riverside Publishing). Contact: Riverside Publishing, Rolling Meadows, IL, **800-323-9540**, **www.riverpub.com**

Note: The CompuScore & Profiles Program CD comes in Mac® and *Windows®* versions. ***The Braille Adaptation CD does not have a Mac version.*** See requirements at **www.riverpub.com**

Woodcock-Johnson® III NU: Tests of Achievement, Braille Adaptation

APH offers this braille/tactile adaptation of the *Woodcock-Johnson® III NU: Tests of Achievement (WJ III ACH),* one of the most widely used individually administered, diagnostic achievement tests. The *WJ III ACH – Braille* may be used to assess academic and language achievement, to identify academic strengths and weaknesses, to plan interventions and accommodations, and to monitor long-term progress.

***Woodcock-Johnson III NU: Tests of Achievement, Braille Adaptation:* 6-66000-00.....$320.00**



Replacement Items:

APH Innovations Tote Bag: 4-66001-01.....$19.50
Large Print/Braille Toss-Away Rulers (24-pk.): 1-03010-00.....$16.00
Test Records (10-pk.): 4-66002-00.....$61.00
CompuScore & Profiles CD: 23-201-004.....$5.00

Note: *The following items are required for administering the* WJ III ACH – Braille *and are not included in the kit (*available from Riverside Publishing*):*

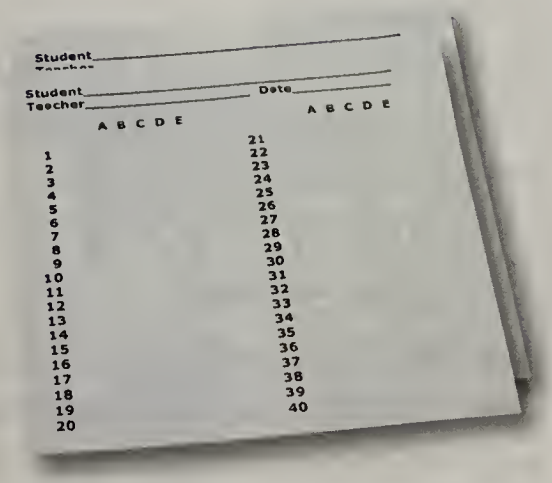
- *WJ III ACH* audio CD (for all recorded tests except Sound Blending)
- *WJ III* Diagnostic Reading Battery audio CD or *WJ III* Test of Cognitive Abilities audio CD

Accessible Multiple Choice Answer Sheets: Braille, Large Print, Pop-a-Dot®

Accessible Multiple Choice Answer Sheets have high-contrast layouts with print and tactile elements that engage students so that test-taking can be fun! Visually impaired students who field tested them said they were "AWESOME." Sighted peers will also love these.

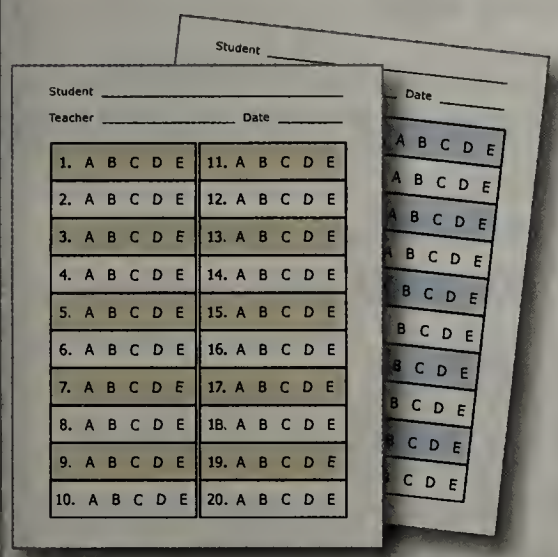
Recommended ages: 8 years and up.

Braille Answer Sheets



Fifty generic sheets with question numbers 1–40 in large print and braille are laid out in two columns, with multiple choice braille answers: a, b, c, d, and e. Any approved method of marking the sheets can be utilized, such as crayons, pencils, pens, or braille erasers. If more than 40 questions are on the test, multiple sheets can be used; renumber as needed. Students can press down or erase the number sign beside questions they want to return to later.

Braille (25-pk.): 5-17003-00.....$11.00

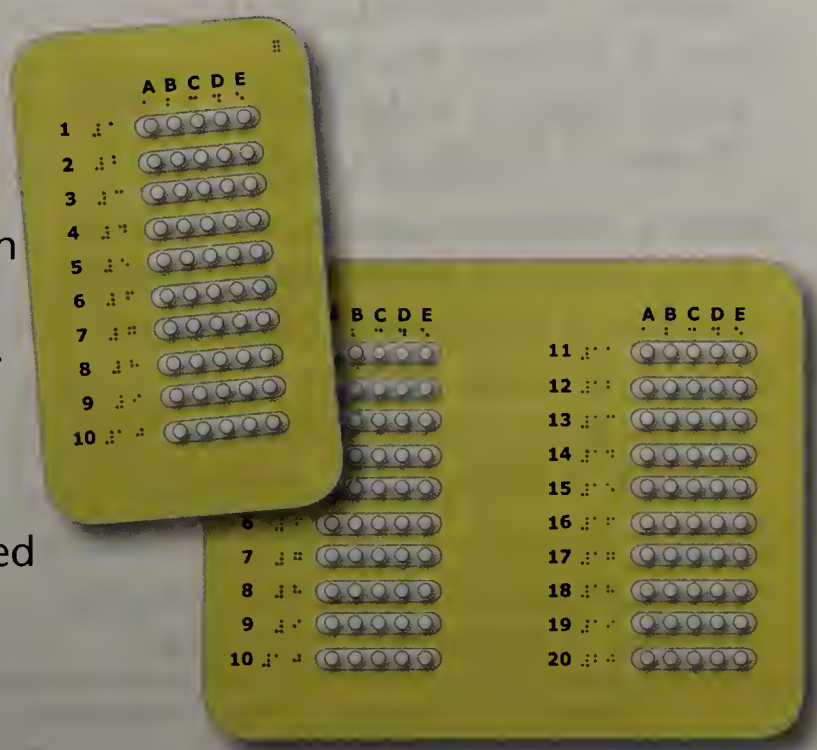


Large Print Answer Sheets

Formatted in two columns, with bold lines and a highly readable 18 point font, these two-sided generic answer sheets have question numbers 1–40. Every other line is highlighted with a contrasting color to help in finding the correct line. Students can mark with a 20/20 Pen®, pencil, crayon, or other approved writing tool. Post-it® tabs can also be used to mark questions they want to return to later.

Large Print (50-pk.): 7-17003-00.....$15.00

Pop-a-Dot Answer Sheets

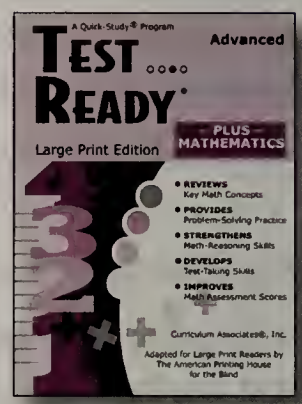


These sheets provide an engaging new way to make test-taking more fun! "Memory plastic" dots are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Multiple choice answers a, b, c, d, and e run horizontally. Advanced level student sheets have questions 1–20 in two columns. Beginning level student sheets have questions 1–10. Any combination of the sheets can be used depending upon the number of items on the test.

Pop-a-Dot (4-pk.): 1-17003-00.....$45.00

Test Ready®: Plus Mathematics

This test prep series offers practice for today's standards-based assessments for grade levels 3–12. Test Ready: Plus Mathematics provides preparation and review, in as little as two weeks before testing day. It also provides a program of instruction and remediation.



Students practice problem solving for:

- Data preparation
- Numeration
- Measurement
- Geometry
- Number theory
- Pre-algebra/algebra

Objectives for each of the above key concepts have been aligned with the Principles and Standards for School Mathematics from the National Council for Teachers and Mathematics (NCTM). These lessons make use of routine, non-routine, and open-ended problems, with writing activities that require students to explain their solutions.

Accessible Formats:

The APH Teacher Guides and Student Books are available in several accessible formats, so that the entire class can work on math together in a multi-media approach. The large print and braille editions include a CD-ROM with an .html file and a Digital Talking Book (DTB) file with built-in player.

The large print student edition includes a specially formatted large print answer document. However, it is recommended that each student have a book in his or her preferred reading medium, and should feel free to mark answers in the test books. Used this way, the student books become consumable items.

Test Ready: Plus Mathematics:

Note: All Teacher's Guides and Student Books include a CD-ROM.

Book 3, Teacher Guide:
Large Print: 7-00505-00.....$18.00
Braille: 5-00505-00.....$35.00

Book 3, Student Book:
Large Print: 7-00506-00.....$28.00
Braille (2 vol.): 5-00506-00.....$59.00

Book 4, Teacher Guide:
Large Print: 7-00507-00.....$18.00
Braille: 5-00507-00.....$23.00

Book 4, Student Book:
Large Print: 7-00508-00.....$28.00
Braille: 5-00508-00.....$46.00

Book 5, Teacher Guide:
Large Print: 7-00509-00.....$18.00
Braille: 5-00509-00.....$23.00

Book 5, Student Book:
Large Print: 7-00510-00.....$27.00
Braille: 5-00510-00.....$60.00

Book 6, Teacher Guide:
Large Print: 7-00511-00.....$18.00
Braille: 5-00511-00.....$35.00

Book 6, Student Book:
Large Print: 7-00512-00.....$31.00
Braille: 5-00512-00.....$46.00

Book 7, Teacher Guide:
Large Print: 7-00513-00.....$18.00
Braille: 5-00513-00.....$22.00

Book 7, Student Book:
Large Print: 7-00514-00.....$35.00
Braille: 5-00514-00.....$44.00

Book 8, Teacher Guide:
Large Print: 7-00515-00.....$18.00
Braille: 5-00515-00.....$35.00

Book 8, Student Book:
Large Print: 7-00516-00.....$35.00
Braille: 5-00516-00.....$40.00

Advanced, Teacher Guide:
Large Print: 7-00517-00.....$16.00
Braille: 5-00517-00.....$25.00

Advanced, Student Book:
Large Print: 7-00518-00.....$31.00
Braille: 5-00518-00.....$49.00

Note: Test Ready: Plus Mathematics: Advanced is recommended for grades 9–12.

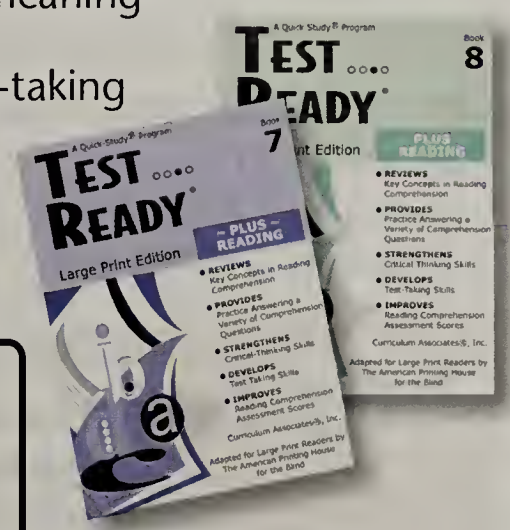
Test Ready®: Plus Reading

As with the Test Ready®: Plus Math, this test prep series offers practice for today's standards-based assessments for grade levels 3–12. Test Ready: Plus Reading also provides preparation and review.

Students practice problem solving for:

- Recalling information
- Constructing meaning
- Evaluating literary forms
- Interpreting fact & opinion
- Evaluating & extending meaning

Test Ready: Plus Reading is a review program that provides practice in test-taking skills in reading comprehension and open-ended writing tasks.



Accessible Formats:
Same as with Test Ready: Plus Math on previous page.

Note: TR Math & TR Reading: Copies of regular print Teacher Guides and Student Books are available from the publisher at: Curriculum Associates, Inc., 153 Rangeway Rd., North Billerica, MA 01862-0901, 800-225-0248, Fax: 800-366-1158, **www.curriculumassociates.com**

Note: All Teacher's Guides and Student Books include a CD-ROM.

Test Ready: Plus Reading:

Book 3, Teacher Guide:
Large Print: 7-00521-00.....$18.00
Braille: 5-00521-00.....$20.00

Book 3, Student Book:
Large Print: 7-00522-00.....$35.00
Braille: 5-00522-00.....$46.00

Book 4, Teacher Guide:
Large Print: 7-00523-00.....$18.00
Braille: 5-00523-00.....$20.00

Book 4, Student Book:
Large Print: 7-00524-00.....$35.00
Braille: 5-00524-00.....$46.00

Book 5, Teacher Guide:
Large Print: 7-00525-00.....$16.00
Braille: 5-00525-00.....$25.00

Book 5, Student Book:
Large Print: 7-00526-00.....$30.00
Braille: 5-00526-00.....$40.00

Book 6, Teacher Guide:
Large Print: 7-00527-00.....$16.00
Braille: 5-00527-00.....$20.00

Book 6, Student Book:
Large Print: 7-00528-00.....$30.00
Braille: 5-00528-00.....$50.00

Book 7, Teacher Guide:
Large Print: 7-00529-00.....$18.00
Braille: 5-00529-00.....$20.00

Book 7, Student Book:
Large Print: 7-00530-00.....$35.00
Braille: 5-00530-00.....$46.00

Book 8, Teacher Guide:
Large Print: 7-00531-00.....$18.00
Braille: 5-00531-00.....$18.00

Book 8, Student Book:
Large Print: 7-00532-00.....$46.00
Braille: 5-00532-00.....$46.00

Advanced, Teacher Guide:
Large Print: 7-00533-00.....$18.00
Braille: 5-00533-00.....$20.00

Advanced, Student Book:
Large Print: 7-00534-00.....$35.00
Braille: 5-00534-00.....$46.00

Note: Test Ready: Plus Reading Advanced is recommended for grades 9–12.

Child-guided Strategies for Assessing Children who are Deafblind or have Multiple Disabilities

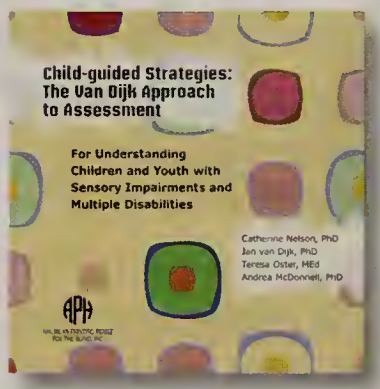
This user-friendly and highly interactive CD-ROM demonstrates Dr. van Dijk's strategies and techniques for assessing and teaching children with multiple disabilities. Through an interactive question and answer format, the viewer can design an Individualized Education Plan (IEP) for the example assessments.

Requires *Windows*® 95 or later; or Mac® OS 7.x or later.

Child-Guided Strategies for Assessing Children who are Deafblind or have Multiple Disabilities:

Windows PC,
English: 1-31001-00.....$60.00
Spanish: 1-31001-SP.....$44.00

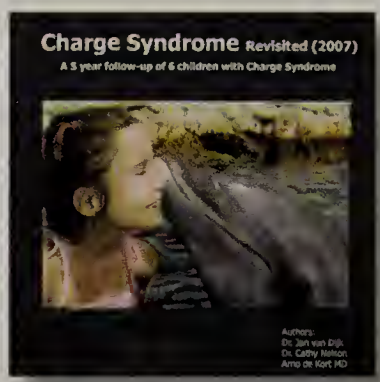
Mac,
English: 1-31001-MAC.....$60.00



Child-guided Strategies: The van Dijk Approach to Assessment

An easy-to-use guidebook with an accompanying DVD follows the assessment of a baby, a young child, and a teenager. The van Dijk assessment is unique as it follows the lead of the individual learner. Critical to the process is the recognition that assessment and intervention must always occur "hand in glove" and that meaningful assessment guides intervention.

Child-guided Strategies: **7-31001-00.....$45.00**



Charge Syndrome Revisited (2007)

By Dr. Jan van Dijk, Dr. Cathy Nelson, and Arno de Kort, MD

Children with CHARGE Syndrome often have a multitude of physical, sensory, endocrinological, and developmental problems. This CD-ROM presents a 5 yr. follow up of six children with CHARGE Syndrome.

Requires *Windows*® 95 or later.

Charge Syndrome Revisited (2007) **CD-ROM: 1-31003-01.....$40.00**

From Russia with Love and Care for Children with Sensory Impairment and Challenging Behaviors

Featuring Dr. Jan van Dijk, this interactive CD-ROM includes an introductory course in Positive Behavioral Support, which outlines the basic principles involved in assessing challenging behaviors of children with multiple disabilities. It also includes a listing of articles on challenging behaviors of children with deafblindness and other multiple disabilities.

CD-ROM: 1-31002-00.....$42.00

Functional Vision: A Bridge to Learning and Living: Functional Vision Assessment Video

This DVD, featuring internationally known experts, gives an overview of low vision and the process of a functional vision assessment. It highlights the importance of assessing low vision and how such an assessment is accomplished. Video runs approximately 26 minutes.

1-30009-DVD.....$25.00

Early Childhood

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Everyday Activities Calendar

This idea-filled calendar suggests a fun preschool activity for each day of the year. Activities are drawn from everyday occurrences and make use of easily accessible, low cost materials. The large print/braille calendar is designed so the user may begin at any point and comes in a three-ring binder. This calendar does not track any specific year, but can be used year after year.

Recommended ages: 3 to 8 years.

Everyday Activities Calendar: **1-08121-00.....$78.00**

Reach For the Stars, Planning for the Future

A first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings; designed to help the families of young children with disabilities imagine positive and productive futures. It aids families in working with school personnel to create educational plans, leading to inclusive educational programs.

Reach for the Stars

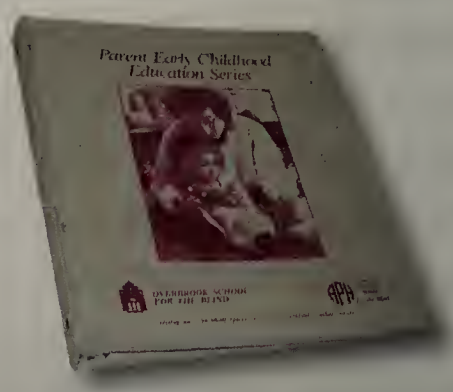
Large Print w/CD-ROM: 7-08412-00.....$20.00
Braille: 5-08412-00.....$25.00

Components in Guidebook

Parent Early Childhood Education Series

Activity sheets describe techniques parents can use to help blind and visually impaired children grow in key developmental areas: cognitive, communication, eating, motor, and play skills; emotional and sensory development; and O&M.

Recommended ages: birth to 5 years, for parents and professionals.



Teacher, Print in binder: 7-96201-00.....$18.00

Replacement Item:
Parent/Caregiver, Loose Leaf Print: 7-96200-00.....$11.00

Optional Items:
Loose Leaf
Print, Spanish Edition: 7-96202-00.....$17.00
Braille: 5-96201-00.....$35.00

Parents and Visually Impaired Infants (PAVII)

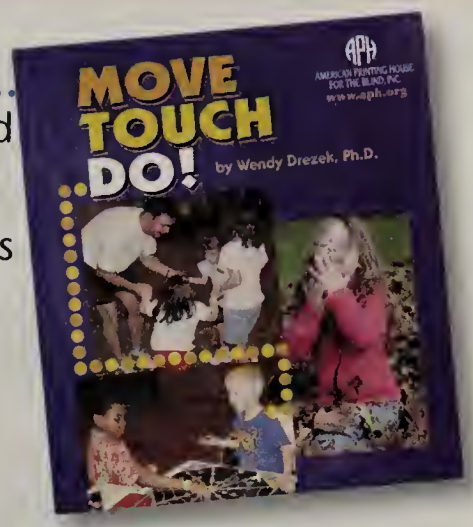
Print materials designed to help parents of infants who are visually impaired become involved as primary members of the intervention team.

Recommended ages: birth to 3 years, primarily for parents.

PAVII: 7-96150-00.....$63.00

Replacement Item: *Learning Together* only: 7-68660-00.....$13.00

Move, Touch, Do!



Curriculum provides children with opportunities to develop the awareness and skills needed to prepare them to enter formal education.

Materials provide an outline of daily activities, a structure of materials and skills for the school year, instructions for craft projects, and sample communication boards. Recommended ages: For developmental ages birth to 5 years, primarily for professionals.

7-83000-00.....$55.00

Developmental Guidelines for Infants with Visual Impairments: A Guidebook for Early Intervention, 2nd Edition

This thoroughly researched manual describes what is known about the development of infants with visual impairments. It contains a wealth of information based on recent research and empirically-based observations. Professionals and caregivers will learn the sequence in which many skills develop.

Note: *Developmental Guidelines* is available in regular print or braille. Each print or braille edition includes a CD-ROM with the manual in HTML and DAISY formats for full accessibility.

Summary of Developmental Strengths and Intervention Concerns is available as a consumable item. These forms are used to plan interventions for infants with visual impairments.

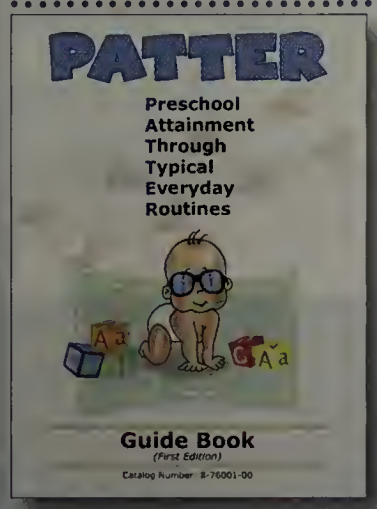
***Developmental Guidelines for Infants with Visual Impairments, 2nd Edition*:**

Print w/CD-ROM Kit: 8-50701-00.....$95.00
Braille w/CD-ROM Kit: 6-50701-00.....$119.00

Jeanne is encouraged to explore and gain information from her environment.

Replacement Item:
Summary Consumables (10-pk.): 8-50701-01.....$8.00

PATTER: Preschool Attainment Through Typical Everyday Routines



This curriculum and assessment tool is designed to facilitate skill development by children who are visually impaired in the areas that preschoolers are expected to master through involvement in typical household routines. *PATTER* is appropriate for use with children with varying degrees of visual impairment, as well as those with additional impairments.

Based on simple task analysis, *PATTER* breaks down an everyday activity into its component parts and allows for measurement of a child's level of participation during each step.

Recommended ages: Pre-K.

***PATTER*:**

Large Print Guidebook with CD and DVD: 8-76001-00.....$23.00
Braille Guidebook with CD and DVD: 6-76001-00.....$23.00

New!

Parenting with a Visual Impairment: Advice for Raising Babies and Young Children

The parents in this book each completed an extensive written questionnaire and a 90-minute phone interview about how they accomplished parenting tasks using non-visual techniques.

Book Summarizes Parents' Responses:

- Decided to have children
- Prepared to become parents
- Acquired information about pregnancy and childbirth
- Fed, diapered, and kept their newborns clean
- Read to, played with, and visually stimulated their infants
- Child proofed their homes and monitored their babies
- Managed fevers, medications, and medical care
- Taught colors, print letters & numbers, and drawing
- Monitored and kept their toddlers safe indoors and outdoors
- Traveled independently with their young children
- Dealt with reactions of medical care providers, family, and the public at large
- Handled attitudes of day-care staff, preschool teachers, and their child's friends

Features:

- Provides Family and Consumer Science students with visual impairments with information pertinent to their own lives as visually-impaired parents-to-be
- Helps Transition students realize that their visual impairment should not stop them from including parenthood in their future plans
- Gives teachers an accurate picture of how blind adults take care of children so that teachers can impart this positive self-image to visually impaired students
- Gives adults who have lost vision tools to continue to care for their children
- Shows medical service, psychology, social work, counseling, protective service, and legal professionals how adults with visual impairments using alternate skill sets parent their children effectively
- Corrects the negative stereotypes about parents with visual impairments, which have, even in the 21st century, resulted in a newborn's removal from her parents solely because both parents were blind

Recommended ages: Middle School and up.

Parenting with a Visual Impairment: Advice for Raising Babies and Young Children:
Large Print w/Audio CDs: 8-00100-00.....$79.00
Braille w/Audio CDs: 6-00100-00.....$89.00

Included audio CD set contains .wav files of the book and can be played on a CD player or on your computer.

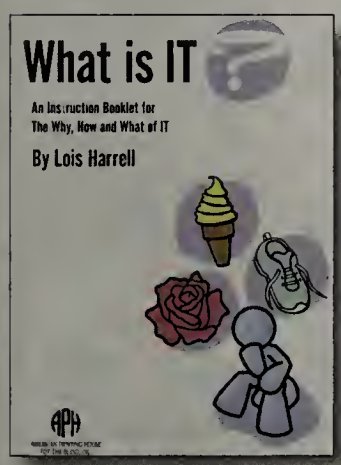
Experiential Learning: Activities for Concept Development

Addresses six of the primary areas for infants and young children with visual impairments. Each section of *Experiential Learning* contains a brief overview of the skill or concept being addressed. This overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used in each activity.

Recommended ages: while this product is designed for children ages birth to 3 who are blind and visually impaired, the activities are also appropriate for older children working on the six developmental areas.

***Experiential Learning*, Large Print/CD-ROM: 8-50705-00.....$13.00**

The included CD-ROM contains accessible formats of the guidebook.



What is IT? Kit

Teaching the young mind to listen to the word, and anticipate "motor knowledge" (organized physical input) that will help form associations, can make a difference. With an active introduction to details contributing to the whole, the child will gain the foundation for comparative thinking, leading to the ability to generalize and communicate independently.

Recommended ages: Pre-K.

What is IT? Kit: 1-03535-00.....$47.00

The Best for a Nest Interactive Storybook

This large/print braille book includes color illustrations on each page that depict the text. *The Best for a Nest* is an award-winning interactive storybook that provides an opportunity for the learner to focus on many concepts. Included storyboard can be removed from the book so the child can use the included tactile symbol manipulatives to illustrate what is happening on each page.

Recommended ages: 2 years and up.

Included storyboard with manipulatives

***The Best for a Nest*: 5-12301-00.....$80.00**

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

New! Boehm-3 Preschool

Boehm-3 Preschool measures 26 basic concepts relevant to the preschool and early childhood curriculum. This test helps identify children who lack understanding in basic relational concepts so you can provide intervention sooner, increasing their chance of success in school.

Features

- Assess each concept twice to determine the child's understanding across contexts
- Picture Manual and Record Forms in English and Spanish ***(Big Picture Kit only)***

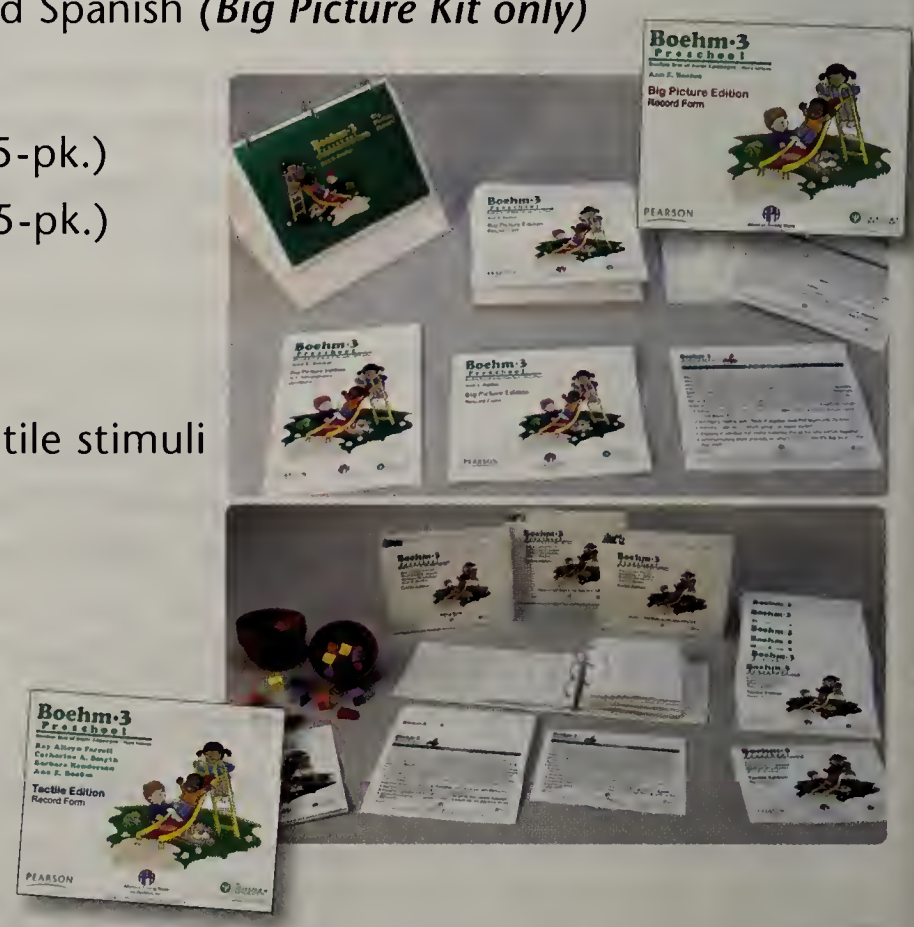
Boehm-3 Preschool Big Picture Kit includes

- Big Picture Manual
- Test Administration and Scoring Directions
- Record Form (25-pk.)
- Parent Letter (25-pk.)

Boehm-3 Preschool Tactile Kit includes

- Four binders containing tactile stimuli
  - Getting Ready Binder: An introduction to tactile stimuli used in the assessment
  - Binder 1: Practice Items A-E, Test Items 1-24
  - Binder 2: Test Items 25-52
  - Binder 3: Test Items 53-82
- Manipulatives Pack for performance test items
- Test Administration and Scoring Directions
- Record Form (25-pk.)
- Parent Letter (25-pk.)

Recommended ages: Pre-K.



Boehm-3 Preschool
Big Picture Kit: 1-03880-00.....$239.00
Tactile Edition Kit: 1-03882-00.....$469.00

Note: Boehm-3 Preschool **Examiner's Manual** is available through Pearson at: **http://www.pearsonclinical.com/psychology/products/100000161/boehm3-preschool.html**

Replacement Items

Boehm-3 Preschool Big Picture Kit
Test Record (25-pk. ea. of Parent Letter and Record Form): 7-03880-00.....$189.00
Manual, Large Print: 7-03881-00.....$46.00

Boehm-3 Preschool Tactile Edition Kit
Test Record (25-pk. ea. of Parent Letter and Record Form): 7-03882-00.....$229.00
Test Administrators Instructions for Tactile Edition: 61-212-012.....$5.00
Manipulatives Pack: 61-212-013.....$38.10

Notes: Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Preschool Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.

New!

Chameleon

In the character of a friendly chameleon, readers are introduced to soft/hard, smooth/rough, big/little, on/under, heavy/light, short/long, and alone/together.

The colorful chameleon shapes can be felt and seen. From a smooth black chameleon, to a fuzzy green chameleon, to the big purple chameleon, contrasts are presented. Some illustrations involve the child in manipulation. A shy chameleon hides "under" a textured leaf. To illustrate heavy and light–each chameleon can be lifted from the page.

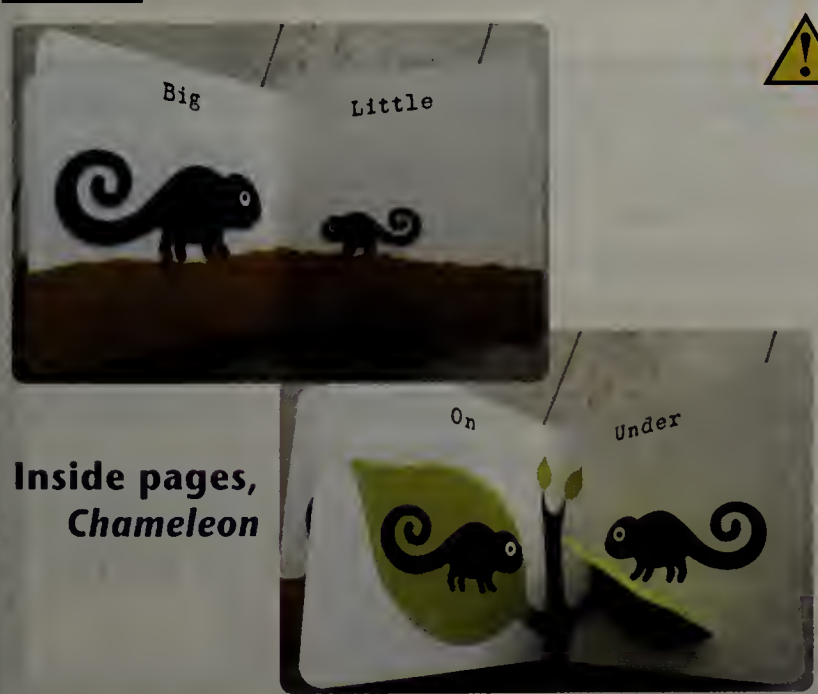
Chameleon is intended to be read aloud and shared with children with visual impairments, ages three years and up. Reading aloud can be one of the most powerful contributions adults can make to a young child's development of literacy. Awareness of written language is developed. Sharing books in an interactive manner, talking about the text and illustrations, has been demonstrated to build vocabulary and strengthen oral language skills. Not least important, reading aloud from a book enjoyed by both child and adult connects reading to pleasure.

For emergent print readers, pictures often act as an important bridge helping the child take a more active role in reading, as a listener and as a reader. Tactile illustrations in *Chameleon* are designed to serve a similar purpose. In addition, they offer critically important opportunities to build tactual discrimination and exploratory skills and to encounter spatial relationships and the conventions of 2 dimensional graphic displays.

The book's text is provided in large print and contracted braille. The clear, silk screened braille is of high quality and extremely durable. Originally produced in Italian, French, and German, the English version is produced for APH by Les Doigts Qui Rêvent (LDQR) workshop in Dijon, France. Since its beginning in 1994, LDQR has produced more than 37,000 tactile illustrated books, over 220 titles

Recommended ages: 3 years and up.

UEB *Chameleon*: **6-77951-00.....$189.00**



Inside pages, *Chameleon*

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

▼

I like Chameleon! ...a great resource for teaching beginning concepts."

▲

Teacher Comments about Chameleon

On the Way to Literacy: Early Experiences for Visually Impaired Children

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young blind and visually impaired children. Recommended ages for storybooks: 2 1/2 to 5 years, *except* ***Gumdrop Tree***.

On the Way Storybooks with Real Objects and Textures

Title	Description	Catalog No.	Price
Giggly-Wiggly, Snickety-Snick *(Set III)*	Words capture a range of tactile experiences – bumpy, smooth, crunchy, etc. Envelopes on the pages can be filled with real objects *(not included)*.	6-77502-05	$65.00
Something Special (Set I)	A young child searches for a lost possession; features objects fixed to the book pages.	6-77500-05	$62.00
That's Not My Bear *(Set II)*	A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by furry shapes.	6-77501-01	$51.00
Geraldine's Blanket *(Set II)*	A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.	6-77501-02	$82.00

On the Way Storybooks Illustrated with Thermoforms (molded plastic shapes)

Title	Description	Catalog No.	Price
Jennifer's Messes (Set I)	Thermoforms of familiar objects such as breakfast cereal, pretzels, and crayons illustrate the messes made by Jennifer.	6-77500-06	$71.00
Jellybean Jungle (Set III)	A counting rhyme about a magical jungle filled with jellybeans. Scented stickers included.	6-77502-01	$80.00
Gobs of Gum *(Set I)*	A rhyming story about "big blobs, small gobs, and sticky icky strings of bubblegum." Scented stickers included.	6-77500-08	$46.00
Roly-Poly Man (Set I)	A young child creates a "roly-poly" figure from pieces of clay.	6-77500-07	$54.00
Thingamajig *(Set III)*	Jamie is a collector of "thingamajigs" – coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items, and identifying missing items.	6-77502-04	$43.00

Special On the Way Book Lets Children Create a Story About Themselves

Title	Description	Catalog No.	Price
Book About Me (Set I)	A "Me Book" for children to create, with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.	6-77500-10	$17.00

Note: = Includes sticker pack.

On the Way Storybooks with Raised-Line Drawings

Title	Description	Catalog No.	Price
The Longest Noodle (Set I)	A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.	6-77500-01	$25.00
The Blue Balloon (Set II)	A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.	6-77501-03	$46.00
The Littlest Pumpkin (see related puzzles below)	When the littlest pumpkin in the patch isn't chosen to become a jack-o'-lantern, things seem very bleak – until a child discovers his hiding place! Raised lines and die-cut foam pumpkins.	6-77504-00	$59.00
That Terrible, Awful Day (Set I)	A young child's popsicle gets smaller as everyone shares a taste.	6-77500-04	$17.00
The Caterpillar (Set I)	A visually impaired child discovers something in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.	6-77500-02	$20.00
Silly Squiggles (Set I)	A wormlike creature stretches, squeezes, and squirms into various shapes in this rhyming story.	6-77500-09	$21.00
Bumpy Rolls Away (Set I)	Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.	6-77500-03	$21.00
The Gumdrop Tree (Set III)	A tree which grows from a gumdrop! The raised-line drawings depict the growth of the tree. Includes scented stickers. ⚠ ***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*	6-77502-03	$119.00

On the Way to Literacy Book Sets

Title	Description	Catalog No.	Price
OTWL: Book Set I	One print handbook and one each of: *Something Special; Jennifer's Messes; Gobs of Gum; Roly-Poly Man; The Longest Noodle; That Terrible, Awful Day; The Caterpillar; Bumpy Rolls Away; Silly Squiggles; Book About Me.* 10 storybooks total.	6-77500-00	$408.00
OTWL: Book Set II	One each of: *That's Not My Bear, Geraldine's Blanket, The Blue Balloon.* 3 storybooks total.	6-77501-00	$179.00
OTWL: Book Set III	One each of: *Giggly-Wiggly, Snickety-Snick; Jellybean Jungle; Thingamajig;* ⚠ *The Gumdrop Tree.* 4 storybooks total. *Gumdrop Tree* 5 years and up.	6-77502-00	$309.00

On the Way to Literacy Handbook and Related Video

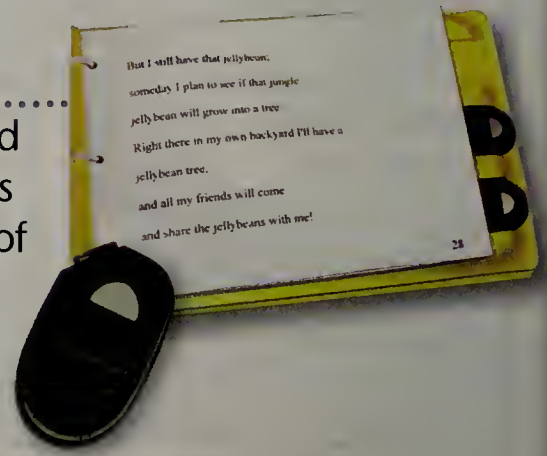
Title	Description	Catalog No.	Price
On the Way to Literacy Handbook, 2nd Ed.	This extensively updated handbook guides teachers and parents in supporting a young child's first steps towards literacy. Each edition includes a CD of accessible files.	8-77520-00 (print) 6-77520-00 (braille)	$54.00 $137.00
Discovering the Magic of Reading: "Elizabeth's Story" (video & booklet)	This 24-minute video and included booklet examine ways that parents and teachers of young visually impaired children can make the vital experience of reading aloud enjoyable and meaningful.	1-30002-DVD	$25.00

Related On the Way Product: Pumpkin Puzzles

APH offers two pumpkin puzzles related to the On the Way to Literacy book *The Littlest Pumpkin*. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Foam puzzle pieces are reversible.

1-08835-00.....$40.00

Related On the Way Product: APH SoundPage



The APH SoundPage, allows readers to create their own sound effects and recordings. Holds up to 3 eight-second digital recording/playback devices (2 included in basic set), the page can be clipped into the 3-ring binder of any OWTL storybook.

APH SoundPage: 6-77505-00.....$39.00

Replacement Item:

Additional Digital Recording Device: 6-77505-01.....$10.00

Alphabet Scramble Storybook

A read-aloud storybook promoting emergent and early literacy skills. The rhyming story tells of a "family" of alphabet letters as each sets out to explore the page. As each letter takes a turn crossing the page–shown as a line of repeating letters–the child has the motivation to track along the line of braille, gaining skill in the hand movements used for braille reading.

Alphabet Scramble **Storybook: 5-01199-00.....$47.00**

Optional Item: *Alphabet Scramble, Notes to Reader,* **Braille: 5-01198-00.....$13.00**

Moving Ahead Series

A follow-up to APH's On the Way to Literacy Series, Moving Ahead storybooks introduce symbolic representation, more complex illustrations, and an increased emphasis on text. Each storybook includes a Large Print *Reader's Guide* (braille edition sold separately) that contains general information, tips on using the storybook, and additional resources. Also included are braille words on customer-applied labels, allowing the reader to choose contracted or uncontracted braille.

Goin' on a Bear Hunt

In the process of hunting for the bear, the reader follows a tactile line through the story, and at the end of the book is a fold-out tactile "map" to use in retelling the story.

Recommended ages: Pre-K to 3rd grade.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77903-00.....$49.00

Optional *Reader's Guide*, Braille: 6-77907-00.....$11.00

Splish the Fish

The child tactually searches for Splish and helps him find his way back to his friends. An accompanying storyboard with Velcro®-backed pieces permits the child to retell the story.

Recommended ages: Pre-K to Kindergarten.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77902-00.....$58.00

Optional *Splish Reader's Guide*, Braille: 6-77906-00.....$13.00

The Boy and the Wolf

Tactually search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations. Introduces a variety of concepts: left, right, top, bottom, near, far, first, last. Includes a storyboard and symbols.

Recommended ages: Pre-K to 2nd grade.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77900-00.....$55.00

Optional *Reader's Guide*, Braille: 6-77904-00.....$14.00

Turtle and Rabbit

A retelling of the classic tale about the race between the tortoise and the hare. The tactile illustrations allow the child to follow the progress of the race by tracking from left to right along the raised lines of Turtle and Rabbit. Includes a storyboard and symbols for retelling the story.

Recommended ages: Pre-K to 2nd grade.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77901-00.....$64.00

Optional *Reader's Guide*, Braille: 6-77905-00.....$14.00

PARTS Sensory Learning Kit (SLK)

A kit for use in the development of skills for learners with the most significant challenges.

This kit is an extensive set of sensory items and written materials that help the most significantly challenged learners increase their curiosity and develop specific skills. Tools in this kit may be used to help create daily schedules, lesson plans, and alternative assessments for play or functional routines.

Includes Materials Carry-All, not pictured.

Sensory Learning Kit: 1-08611-00.....$463.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Replacement Items:

SLK

***Guidebook/Routines Book*, Print: 7-08611-00.....$85.00**
Power Select: 1-08612-00.....$140.00

Scallop Switch: 1-08613-00.....$32.00
Adaptable Tactile Switch: 1-08614-00.....$27.00
Adaptable Stick Switch: 1-08615-00.....$35.00

Vibrating Pad with Adapter: 1-08616-00.....$59.00

Sensory Learning Kit Homegrown Video

This video features Sensory Learning Kit author and workshop facilitator Millie Smith as she talks to the viewer about the SLK and as she conducts an assessment with Barb, an adult learner. This brief overview DVD provides the viewer with information about how the use of the SLK benefits learners at the sensory motor level.

Approximate run time: 20 minutes. Closed Captioned.

***Sensory Learning Kit* Video: 1-30022-DVD.....$10.00**

Select Switch

A battery-powered switch with function control features that enable individuals to communicate and control battery-operated appliances, toys, and devices. The switch is designed for use in educational and daily living applications. It is useful for individuals with severe motor disabilities and cognitive impairments. Requires 4 AAA batteries.

Select Switch: 1-08617-00.....$125.00

Note: *Batteries are not included.*

PARTS Fine Motor Development Materials: Twist, Turn, and Learn

Helps young children with visual and with multiple disabilities develop and enhance fine motor skills. Kit assists in developing reaching, grasping, raking, pincer grasp, wrist rotation, searching technique, palmar grasp, and visual-motor/visual-perceptual coordination.

Recommended ages: birth to 36 months, primarily for professionals.

Fine Motor Complete Set: 1-08420-00.....$458.00

Replacement Item: Teacher's Guidebook only:
7-40400-00.....$24.00

PARTS HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image.

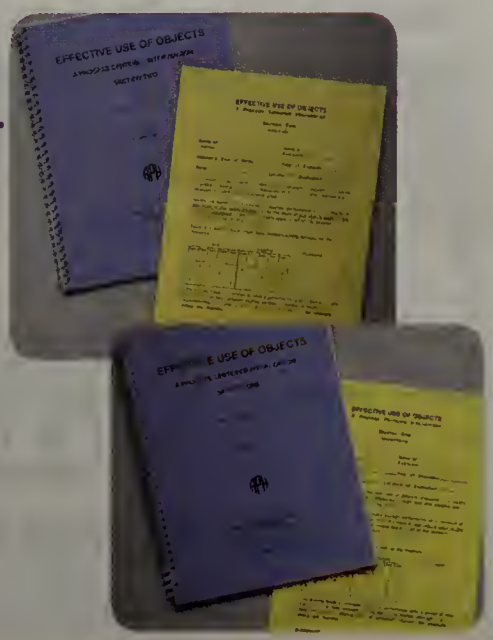
The work progresses from jobs such as pouring beans to more complicated tasks such as preparing snacks.

Recommended ages: 3 to 6 years, for parents and professionals.

HANDS ON Kit: 1-03260-00.....$235.00

Replacement Item: HANDS ON Guidebook only:
7-52210-00.....$59.00

Effective Use of Objects: A Process Centered Intervention



Helps learners with multiple disabilities develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. The first section stresses task orientation and exploration of the physical properties of objects. Section two addresses skills related to using objects in work sequences at a more advanced level.

Recommended ages: 2 to 7 years. For parents and professionals.

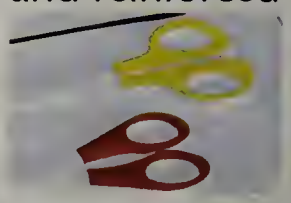
7-35500-00.....$45.00

Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments

Tactile Treasures Tactile/Color Edition is an informal assessment and teaching tool for use with children from preschool through elementary grades. It helps students develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced

Recommended ages: 3 years and up.

Note: Large Print guidebook is included. Braille guidebook available separately.



Sample tactile graphic page

Tactile Treasures Tactile/Color Edition (Complete Kit): 1-08842-01.....$361.00

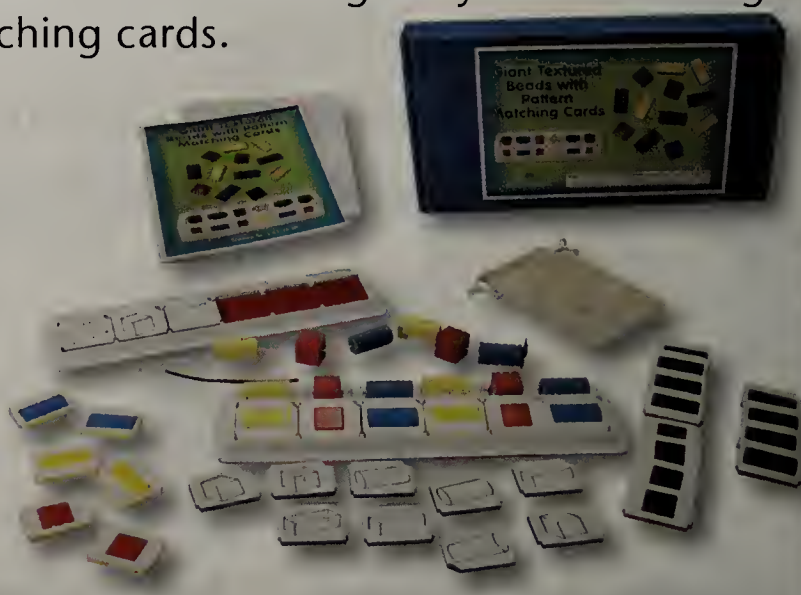
Optional Item: Teacher's Guidebook, Braille: 61-151-313.....$34.35

Replacement Item: Teacher's Guidebook, Large Print (w/CD-ROM): 61-151-312.....$16.00

Giant Textured Beads with Pattern Matching Cards

Helps teachers and parents working with young blind and visually impaired students in preschool, kindergarten, and early elementary grades. Additionally, because the Pattern Matching Cards reinforce the tactile continuum from real object (most basic level) to raised-line graphics (most advanced level), students in higher grades will be challenged by the increasing difficulty posed by the "Platform" and "3-D View" matching cards.

Giant Textured Beads with Pattern Matching Cards: 1-03778-00.....$153.00



WARNING: Strangulation Hazard—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

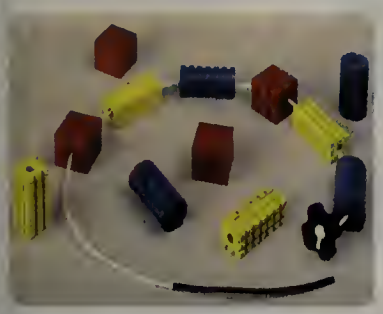
Replacement Items:

Giant Textured Beads: 1-03780-00.....$71.00
Pattern Matching Cards: 1-03779-00.....$50.00
Bead Stringer: 1-03790-00.....$4.25

Giant Textured Beads with Pattern Matching Cards Guidebook, Print and Braille: 1-03778-00

American Printing House for the Blind ~ *Shopping*

Ordering for U.S. Customers: http://shop.aph.org



PARTS Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures: smooth, striped, and a grid. A bead stringer is included.

Recommended ages: 3 to 6 years.

1-03780-00.....$71.00 **Replacement Item: Stringer only: 1-03790-00.....$4.25**

***WARNING: Strangulation Hazard**—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.*

VIPS Video Library

This video library from Visually Impaired Preschool Services (VIPS) is a series of essential videos for parents and caregivers of young children who are visually impaired. This library offers practical and proven techniques that foster the development of children who are visually impaired and blind.

Note: VIPS Video Library is *not available with Quota funds.*

Seeing Things in a New Way: **1-30024-DVD.....$47.00**

Learning About the World: **1-30025-DVD.....$53.00**

Becoming a "Can-Do" Kid: **1-30026-DVD.....$53.00**

Making Friends: **1-30027-DVD.....$53.00**

Going Places: **1-30028-DVD.....$53.00**

Through Their Eyes: **1-30029-DVD.....$47.00**

Moving Through the World: **1-30030-DVD.....$53.00**

Hands on Experience: **1-30031-DVD.....$53.00**

Successfully Adapting the Preschool Environment: **1-30032-DVD.....$53.00**

Power at Your Fingertips: **1-30033-DVD.....$81.00**

Full of Hope: **1-30034-DVD.....$59.95**

Growing My Way — Part I: ... (3–18 mo. old), 3-Video Series: **1-30035-DVD.....$134.00**

Growing My Way — Part 2: ... (24–36 mo. old), 3-Video Series: **1-30036-DVD.....$157.00**

A Better-Living Blog: Fred's Head!

Fred's Head from APH
A Better Living Blog for People Who Are Blind or Visually Impaired
American Printing House for the Blind, Inc.

APH's **Fred's Head Blog** is a collection of thousands of helpful articles by and for blind and visually impaired people. Fred's Head is accessible, easy to search, and free-of-charge. Visit the Fred's Head blog: **www.fredshead.info**

Follow us on

We want YOU to contribute to Fred's Head!

Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position.

Recommended ages: 1 to 6 years.

1-08930-00.....$41.00

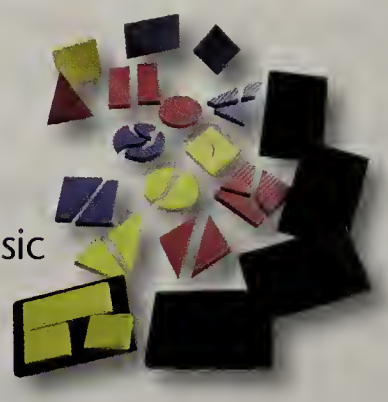
Peg-A-Circle Set

Assists in teaching concepts of next, sequence, clockwise, and counterclockwise.

Recommended ages: 3 years and up.

1-08550-00.....$55.00

PARTS Puzzle Form Board Kit



The Puzzle Form Board Kit is a supplementary aid for teaching basic concepts such as shape, texture, color, size, and matching.

Recommended ages: 3 years and up.

1-03721-00.....$125.00

PARTS Peg Kit

Helps children develop skills in manipulation; number and language concepts; and color, size, and tactual discrimination.

Recommended ages: 3 to 8 years.

1-03420-00.....$51.00

Sensory Cylinder Set

Develops skills in manipulation; number and language concepts; and tactual, color, and weight discrimination. No two cylinder matches of weight, texture, or color can be made simultaneously.

Recommended ages: 3 years and up.

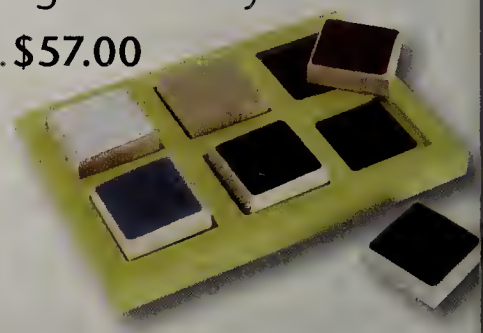
1-03670-00.....$71.00

Textured Matching Blocks

Encourages recognition of textures, identification of textures by name, and tactual matching, while reinforcing directional and positional concepts.

Recommended ages: 3 to 6 years.

1-08950-00.....$57.00



Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Recommended ages: 3 years and up.

1-08710-00.....$68.00

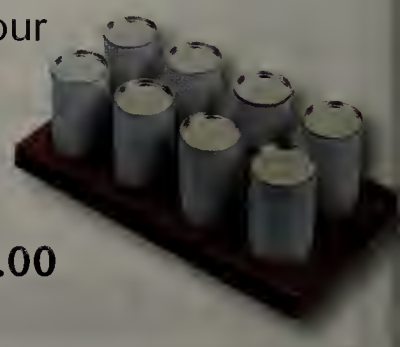
Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination.

Eight shakers with four different sounds.

Recommended ages: 3 years and up.

1-08720-00.....$56.00



Shape Board

Board has proportional shapes that contrast brightly against the yellow pegboard and aid in understanding up, down, right, and left.

Consists of 25 geometric figures and a board with three columns of five pegs.

Recommended ages: 4 years and up.

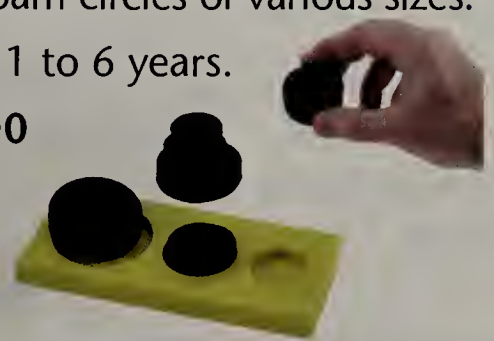
1-03710-01.....$87.00

Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

Recommended ages: 1 to 6 years.

1-08590-00.....$21.00



Small, Medium, and Large Circles, Set II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. Base has three pegs for sorting circles. As circle diameter increases, thickness decreases.

Recommended ages: 3 to 6 years.

1-08600-00.....$58.00

Tangle Toy®

With its infinite knot shapes and variety of colors and textures, the Tangle Toy can be used to encourage a child to explore, move, and play.

Tangle Book activities and games help sighted and visually impaired peers refine motor skills, color discrimination, and tactile discrimination.

Tangle Toy and *Tangle Book* Kit: (includes one large print guidebook and three Tangle Toys): **1-08750-00.....$53.00**

Optional Item: Guidebook, Braille: 5-08750-00.....$23.00

Replacement Item: Guidebook, Large Print: 7-08750-00.....$16.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Spangle Tangle: Play and Explore

Guidebook describes 23 activities/ games. Stand and Tubes can be used with APH's Tangle Toy®.

Provides opportunities for learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Recommended ages: 5 years and up.

Spangle Tangle: 1-08755-00.....$119.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Replacement Item

Spangle Tangle Guidebook, **Large Print w/CD-ROM: 7-08755-00.....$20.00**

Work-Play Trays

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting.

Two sizes and colors:

Small Work-Play Tray (17 x 11 3/4 inches):
Black: 1-03751-00.....$24.50 Yellow: 1-03660-00.....$24.50

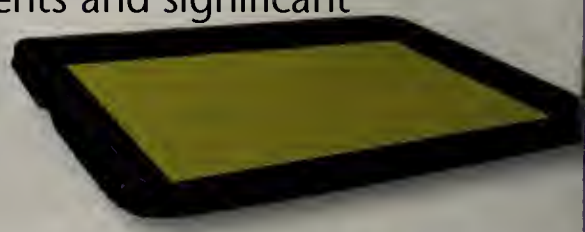
Dividers for Small Work-Play Tray (4 pk. – two, three, four, or five parts): 1-03770-00.....$26.00

Large Work-Play Tray (21 1/4 x 13 1/4 inches):
Black: 1-03761-00.....$25.00 Yellow: 1-03740-00.....$25.00

Dividers are not available for the large tray.

Jumbo Work/Play Tray

The Jumbo Work/Play Tray provides learners who have visual impairments and significant challenges with a tool in which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach.



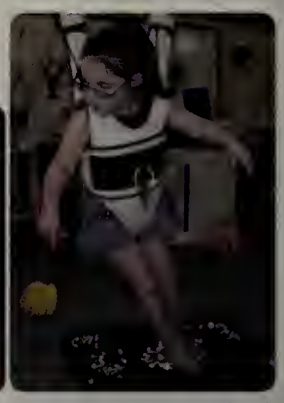
Can be used with:

- A HOPSA Dress™ or similar device so a child uses her feet on the tray
- A child sitting on the tray
- A swing, hammock, or foam wedge while the child is prone and uses his or her hands on the tray

A yellow liner accompanies the tray for additional color contrast.

Adhesive foam *(included)* can be cut and placed on the bottom of the tray to protect floors or prevent sliding.

Jumbo Work/Play Tray with insert: 1-03764-00.....$51.00



**Balls and toys not included.*

Sound Adapted Tangle® Ball Kit

Watch your child be creative with his/her "first sound ball." This ball is great for educational play and doubles as a teething toy.

Develops hand-eye coordination, sound localization skills, fine motor skills, and interaction with others.

Made of safe, soft plastic material. **Note:** Interior ball can be removed if desired. Some assembly required.

Recommended ages: 6 months and up, with adult supervision.

Sound Adapted Tangle Ball Kit (3 Balls): 1-08111-00.....$38.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Rolling Into Place™

As the Velcro® ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive Velcro face pieces and suggested activities.

1-08450-00.....$76.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Rolling Right Along Construction Kit™

This kit allows teachers and parents to construct books similar to APH's *Rolling Into Place* (above). Using provided accordion-folded panels, Velcro® brand pathways, and accessory items (e.g., braillable sheets), self-designed books can be tailored to the interests and needs of a blind and visually impaired child.

1-08451-00.....$65.00

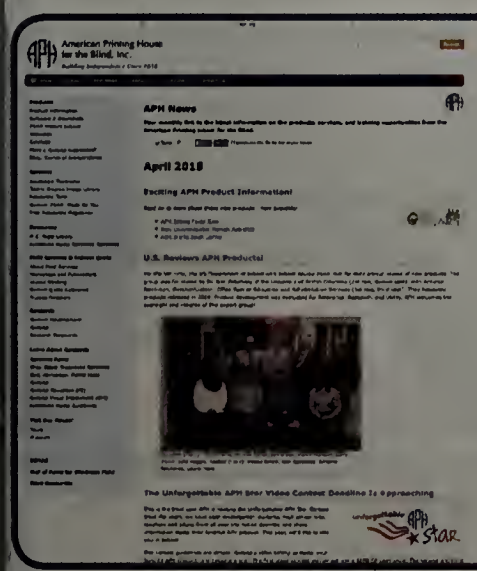
***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Sticky Dots Adhesive™

Tactile graphics projects are easier with Sticky Dots – make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets of self-adhesive dots allow you to transfer the dots to a wide range of materials, e.g., felt, craft foam, textured paper, etc. Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

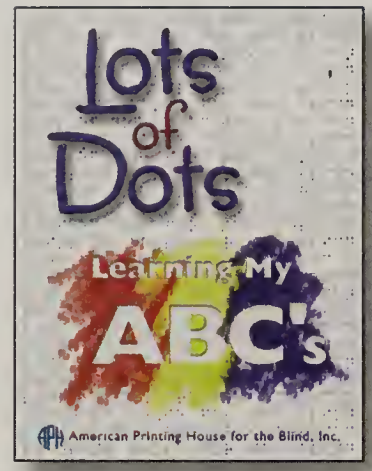
1-08452-00.....$9.00

Not available with Quota funds.



APH News — Your APH Connection!

- Free monthly web newsletter features the latest products and services offered by APH
- Includes news about new products, events, staff, and more
- Read on the web: **www.aph.org**
- Receive email with link to the latest issue of *APH News*.



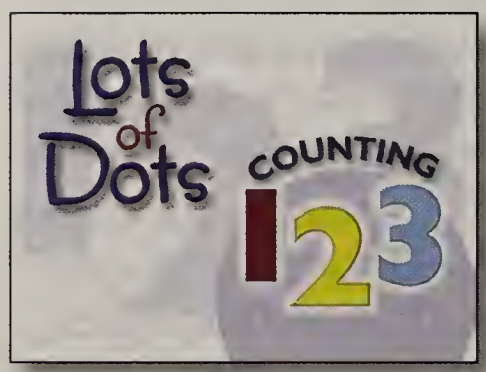
Lots of Dots: Learning My ABC's

This learning tool is an exciting raised-line coloring book designed for future large print and braille readers. It facilitates braille character recognition through repetitive activities.

Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter.

Recommended ages: Pre-K and up.

Lots of Dots: Learning My ABC's: **1-10000-00.....$35.00**



Lots of Dots: Counting 1 2 3

This book presents numbers 0-30 and then integers of 10 up to 90.

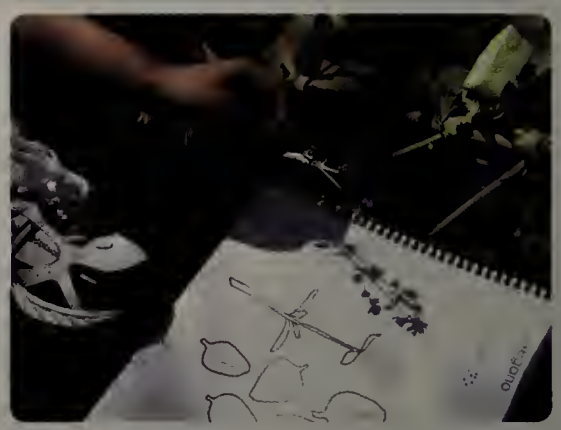
Attached to the inside front cover is a plastic stencil of 3 large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. This book uses uncontracted braille.

Recommended ages: Pre-K and up.

Lots of Dots: Counting 1 2 3: **1-10001-00.....$36.00**

Lots of Dots: Coloring the Garden

This book presents a variety of fruits, vegetables, and herbs, and introduces picture building. It begins with an empty garden; each page adds a new feature, i.e., clouds, rain, seeds, and plants. Once the garden has grown, a new garden item is introduced for the child to color. The enrichment activities are simple recipes that the child and parents/siblings/teachers can do together. The activities present daily living skills, such as working with plants, organizing, and food preparation. Uncontracted and contracted braille are used.



Comparing Shadows activity from Lots of Dots: Coloring the Garden

Recommended ages: Pre-K and up.

Lots of Dots: Coloring the Garden: **1-10002-00.....$28.00**

Core Curriculum:

English and Language Arts

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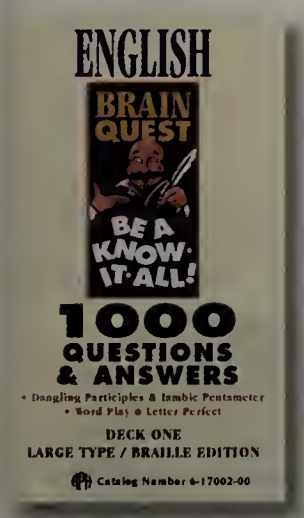


Brain Quest

APH has published four large print/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers.*

Recommended ages: 9 years and up.

American History:
6-17001-00.....$145.00

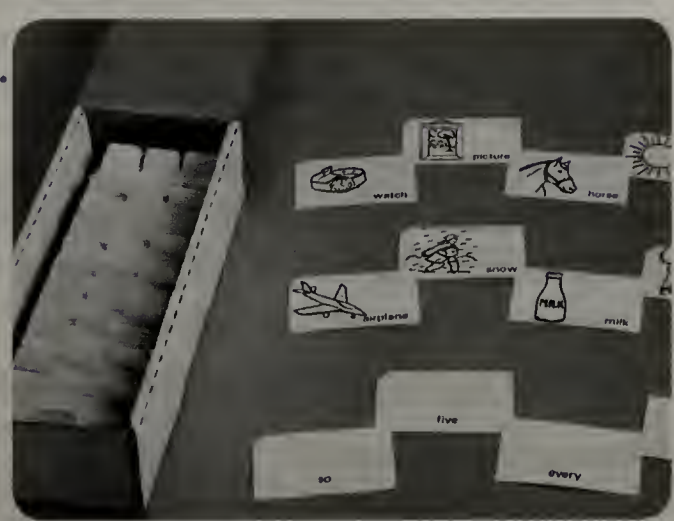
English:
6-17002-00.....$103.00

Geography:
6-17003-00.....$105.00

Science:
6-17000-00.....$103.00

Expanded Dolch Word Cards

These flashcards, consisting of 220 sight vocabulary words and 95 words with pictures, can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and to spell words in uncontracted braille. 30 blank cards allow for adding words. Indexing tabs and storage box included.



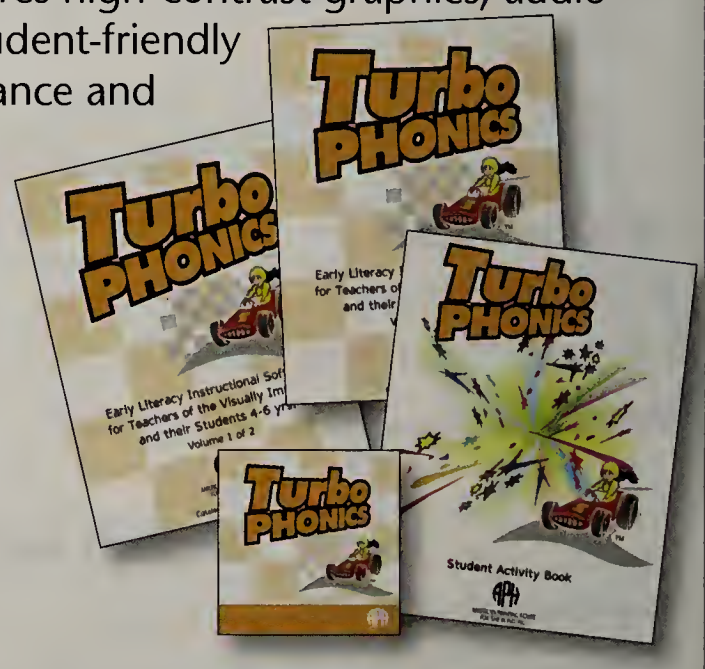
Recommended ages: 5 years and up.

Expanded Dolch Word Cards: 1-03560-00.....$21.00

Note: This can be used with the Card Chart Kit, 1-03550-00 or Braille Contraction Cards, 1-03561-00.

Turbo Phonics

Turbo Phonics is a computer-based, phonemic awareness and phonics program for young students who are preparing to develop reading skills. Turbo Phonics features high-contrast graphics, audio reinforcement, exciting race car sounds, racing graphics, and student-friendly interface. This program helps the teacher track student performance and identify skills in which the student may need further practice.



Recommended ages: 4 to 6 years

Turbo Phonics Kit: D-00100-00.....$155.00

Optional Item:

Turbo Phonics Guidebook, Braille (w/CD-ROM of accessible files): 5-00100-00.....$156.00

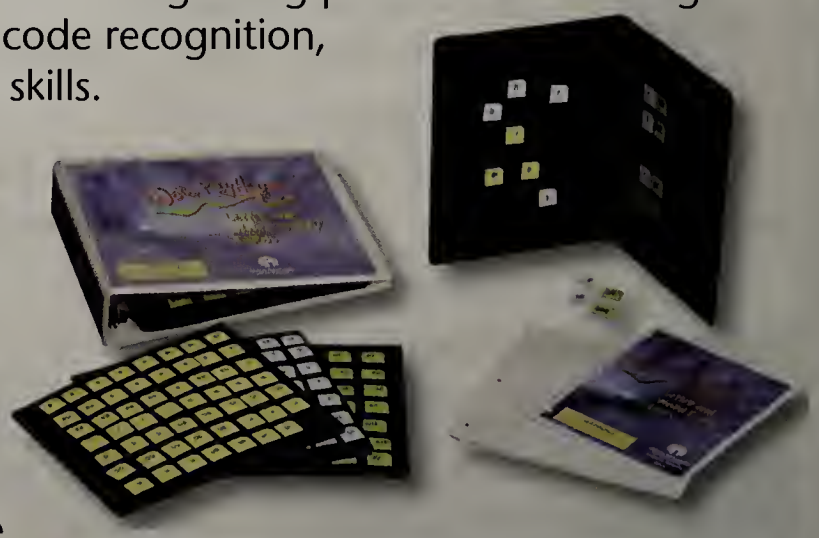
Replacement Items:

Turbo Phonics
- **Student Activity Book (5-pk.): 7-00100-01.....$60.00**
- **Teacher's Guidebook, Enhanced Print (w/CD-ROM of accessible files): 7-00100-00.....$118.00**

Note: Enhanced print is large print with special formatting

Word PlayHouse

Word PlayHouse helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills including letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.



Kit Includes:

- 435 letter tiles in large print with a braille overlay and a Velcro® backing. Tiles containing contracted and uncontracted braille are included for some blends and word families.
- A bi-fold felt work board provides a working space for the student. One side can be used for working storage of letters, the other side can be used as a working space for manipulating letters.
- A storage binder, with five Veltex® covered binder inserts.

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Recommended ages: 5 to 8 years

Word PlayHouse: 1-03562-00.....$260.00

Wilson Reading System® (WRS) and Instructional Materials

WRS is a complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. Unlike other programs that overwhelm the student with rules, the language system of English is presented in a systematic and cumulative manner so that it is manageable. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

- WRS directly teaches the structure of words so that students master the coding system for reading and spelling.
- Many students who benefit from WRS have deficiencies in phonologic awareness and/or orthographic processing which makes it challenging for them to learn to read and spell without a systematic multi-sensory approach.
- WRS is widely used with upper elementary students, adolescents, and adults.

This system specifically addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

The Wilson Reading System is authored by Barbara A. Wilson and published by Wilson Language Training Corporation. Permission has been granted to APH to publish the braille and large print versions. For more information and professional development opportunities on the use of the program, please visit: **wilsonlanguage.com**

WRS Student Large Print Kits

WRS Student Braille Kit One

The Teacher's Brochure included in the Student Braille Kits is available as a free download in accessible formats of .brf and .txt from the APH website: **www.aph.org/manuals/index.html**

How to get your Teacher's Brochure and Teacher Manuals:

Download the free Teacher's Brochure for more information on using the Wilson Reading Program with Braille Readers @ **www.aph.org/manuals/index.html**

Teacher Manuals are NOT included in these kits. Teacher Manuals may be ordered from Wilson Language Training @ **http://www.wilsonlanguage.com/**

Please contact Wilson Language Training Corporation for training opportunities and information on Wilson Certification.

continued on next page...

New!

WRS Instructional Materials *(cont.)*

WRS Card Sets with Carry Case

Include: Sound Cards with CD-ROM, Word Cards, Syllable Cards, and Carry Case.

Sound Cards

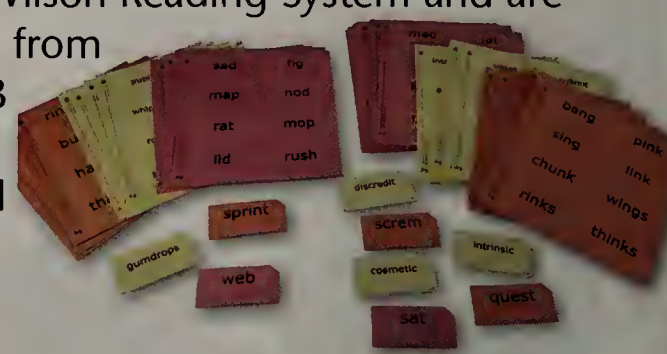
Sound combinations and consonant and vowel phonemes are printed on one side of these flashcards; keywords, pronunciation and substep codes are printed on the reverse. Each card has both large print and braille. All WRS materials use a color-coding and numbering system for organization. Cards are color-coded, ivory, salmon, and green for low vision users. Tactile symbols alert the braille reader to the type of card. A CD-ROM is included with all information in accessible formats.

Syllable Cards

A selection of words from Steps 1-3 segmented into syllables, with one syllable per card. Cards have both large print and braille.

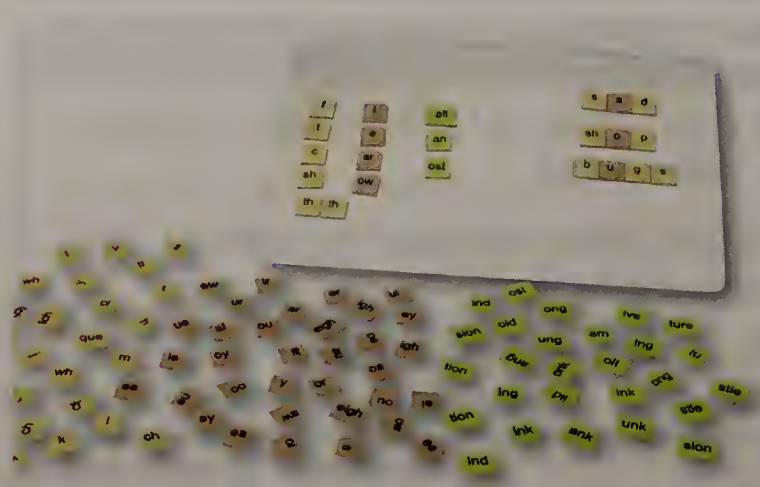
Word Cards

The two sets of word cards reinforce the concepts taught in the Wilson Reading System and are designed for one-to-one instruction. Steps 1-3 words are selected from the A vocabulary level, but are appropriate for both Level A and B students. Steps 1-3 AB offer specific A or B cards. Each card has both large print and braille. Words are embossed in uncontracted braille followed by contracted braille. Nonsense words are in uncontracted braille only.



WRS Magnetic Journal with Letter Tiles

Includes: Folding Magnetic Journal and several color-coded Large Print/Braille Letter Tiles.



Magnetic Journal with Letter Tiles

The Magnetic Journal with Letter Tiles allows students to manipulate word parts in preparation for written work. Each tile includes large print and braille. Additional tiles have been added to the original Wilson Reading System set to include letter combinations in contracted and uncontracted braille. Tiles are color-coded in ivory, salmon, and green for low vision users. Tactile symbols alert the braille reader to the type of tile.

Recommended grades: 2 and up.

New!

Wilson Reading System Student Braille Kits:

Student Reader One, Supplemental Worksheets One, *Modified Workbooks 1A* and *1B*, Teacher's Brochure, and WADE Sheets: 6-79501-SK1.....$229.00

Student Reader Two, Supplemental Worksheets Two, *Modified Workbooks 2A* and *2B*, and Teacher's Brochure: 6-79501-SK2.....$229.00

Student Reader Three, Supplemental Worksheets Three, *Modified Workbooks 3A* and *3B*, and Teacher's Brochure: 6-79501-SK3.....$229.00

Wilson Reading System Student Large Print Kits:

Student Reader One and *Workbooks 1A* and *1B*: 8-79501-SK1.....$37.00

Student Reader Two and *Workbooks 2A* and *2B*: 8-79501-SK2.....$37.00

Student Reader Three and *Workbooks 3A* and *3B*: 8-79501-SK3.....$37.00

New!

Wilson Reading System Instructional Materials:

Card Sets w/Carry Case: 6-79505-00.....$139.00

Print/Braille Magnetic Tiles and Journal: 6-79506-00.....$59.00

Note: *Wilson Reading System Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.*

Replacement Items

Wilson Reading System Braille:

Student Reader One: 6-79502-01.....$42.00

Supplemental Worksheets One: 6-79502-SW.....$66.00

Modified Workbook 1A: 6-79502-WA.....$48.00

Modified Workbook 1B: 6-79502-WB.....$44.00

WADE (Wilson Assessment of Decoding and Encoding) Student Sheets: 6-79507-00.....$29.00

Student Reader Two: 6-79503-01.....$42.00

Supplemental Worksheets Two: 6-79503-SW.....$66.00

Modified Workbook 2A: 6-79503-WA.....$53.00

Modified Workbook 2B: 6-79503-WB.....$68.00

Student Reader Three: 6-79504-01.....$42.00

Supplemental Worksheets Three: 6-79504-SW.....$66.00

Modified Workbook 3A: 6-79504-WA.....$53.00

Modified Workbook 3B: 6-79504-WB.....$68.00

Wilson Reading System Large Print:

Student Reader One: 8-79502-00.....$14.00

Student Workbook 1A: 8-79502-WA.....$10.00

Student Workbook 1B: 8-79502-WB.....$9.00

Student Reader Two: 8-79503-00.....$14.00

Student Workbook 2A: 8-79503-WA.....$10.00

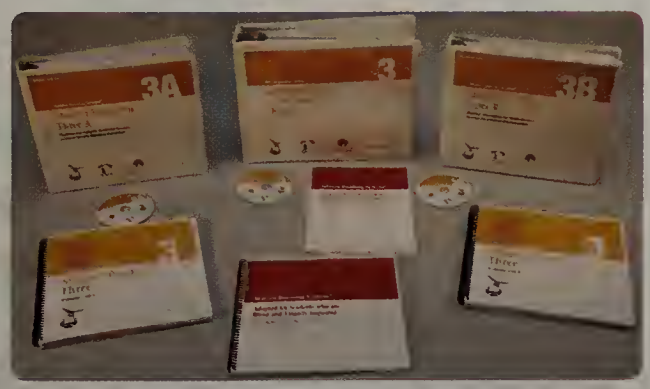
Student Workbook 2B: 8-79503-WB.....$9.00

Student Reader Three: 8-79504-00.....$14.00

Student Workbook 3A: 8-79504-WA.....$10.00

Student Workbook 3B: 8-79504-WB.....$9.00

Wilson Reading System Student Braille Kit Two



Wilson Reading System Student Braille Kit Three

Wilson Reading System is a registered trademark of Wilson Language Training Corporation.

Core Curriculum: Mathematics

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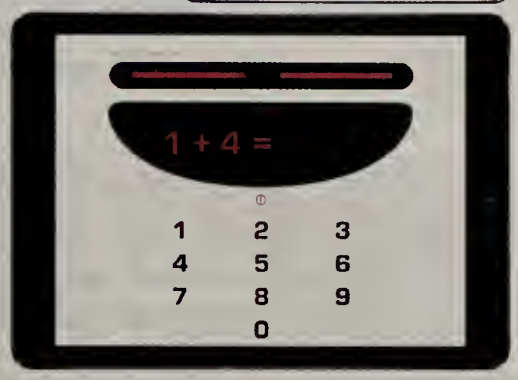
New!

Math Robot App for iPad®

While there are hundreds of math drill and practice apps on the App Store℠, most of them are not accessible to students who are blind. APH's Math Robot™ was designed for students who are blind and visually impaired, as well as sighted students.

A flashcard format and a smart "know-it-all" math robot character provide fun drills and practices for simple math problems. The app is both self-voicing and accessible with Apple's VoiceOver. Math Robot automatically announces the problem, or if VoiceOver is running, it uses the screen reader to announce and control the app functions.



Teachers and parents can set the range of numbers to use for drills, select the operations to use, set the number of tries, and set a time limit allowed to answer each problem. A low vision mode adds extra contrast.

Use with a Refreshable Braille Display

When using a refreshable braille display, like APH's Refreshabraille 18™ Bluetooth device, the built-in VoiceOver screen reader displays the problem in braille and allows the user to enter his or her answers using the device's braille keyboard. Set VoiceOver to display the problems in Literary U.S. English Braille, Unified English Braille, or Nemeth Braille.

Recommended ages: 6 years and up.

Math Robot, from the App Store.....$4.99

Available on the App Store

Apple is a registered trademark of Apple Inc.

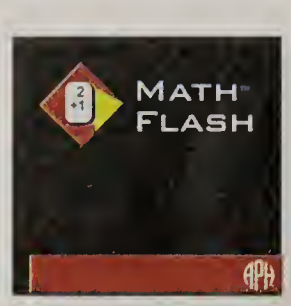
Available on the App Store at **https://itunes.apple.com/app/math-robot/id704570512**

Note: Math Robot IS *available with Quota funds!*

How to Purchase Math Robot on Quota:

- **Ordering:** Ex Officio Trustees can submit a signed Quota order to APH by fax or mail. The order can be for one or more Math Robot licenses. Please provide APH with a contact person's email address or telephone number on your Federal Quota order. **Note:** At this time, Math Robot cannot be ordered online using Quota funds.
- **Receiving:** APH will then email you an Apple Content Code for each license that you order. You will also receive a hard copy confirmation of each code printed on the invoice APH mails to you.
- **Distribution:** EOTs are responsible for distributing Apple Content Codes to those teachers or others in their states who have ordered Math Robot on Quota.
- **How to Install:** The end user will install Math Robot by: going to the App Store on his or her iPad and using the Apple Content Code to download Math Robot: open App Store > select the "Featured" tab > scroll to the bottom of the Featured screen > select "Redeem" > enter the password for the iPad > follow instructions on Redeem screen.
- **Purchase from Apple Using Non-Quota Funds:** You will still have the option to purchase the app from the App Store using non-Quota funds.

Math Robot, Quota Order: D-30000-APL.....$4.99



Math Flash™ Software

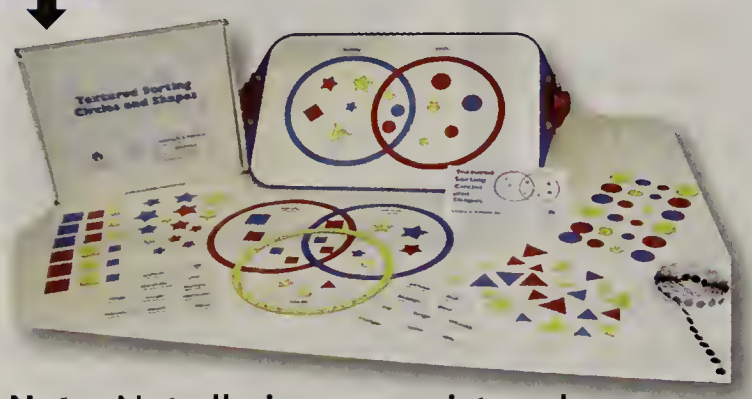
This software helps elementary students sharpen math skills with talking electronic flash cards. This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Recommended ages: 6 years and up.

Requires a PC running Windows® 98 or later

Math Flash:
CD-ROM: D-19910-01.....$24.00
Digital Download: D-19910-ED.....$24.00

Note: Find detailed software purchasing instructions in the "How to Order" section, **pg. 209**. Download APH Software Demos: **http://tech.aph.org/**



Note: Not all pieces are pictured; All-In-One Board is not included.

Textured Sorting Circles and Shapes

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

All textured shapes and sorting circles have a magnetic backing and are ready for use on a metal surface (e.g., APH's All-In-One Board). Velcoins® are provided and can be applied to the magnetic side to use with a Velcro®-compatible board.

Recommended ages: 5 years and up.

Textured Sorting Circles and Shapes: 1-08834-00.....$130.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

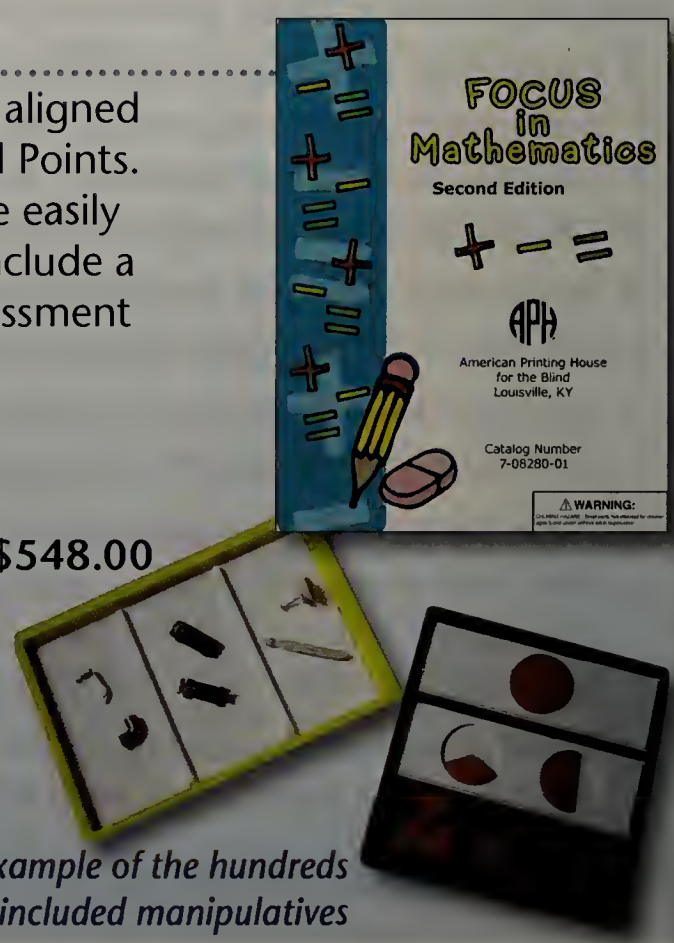
PARTS FOCUS in Mathematics Kit, Second Edition

Intended for students in pre-k through first grade, objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points. Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included on the CD.

Recommended ages: 4 years and up.

FOCUS in Mathematics Kit, Second Edition:
Print Kit (includes print Teacher's Guide): 1-08280-01.....$548.00
Braille Kit (includes braille Teacher's Guide): 1-08281-01.....$569.00

Replacement Items:
FOCUS in Mathematics Manual, Second Edition:
Print: 7-08280-01.....$45.00
Braille: 5-08281-01.....$57.00



Example of the hundreds of included manipulatives

PARTS MathBuilders

MathBuilders is a supplementary math program separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Unit 6 Kit

Each Unit includes:

- Teacher's guide with lesson plans for grades K-3
- CD-ROM with General Guidelines for Teaching Math to Young Braille Users
- Student worksheets for additional practice
- Dozens of manipulatives

Recommended ages: 5 years and up.

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Note: Each print kit includes Teacher's Guide in print; braille kits include Teacher's Guide in braille.

MathBuilders:

Unit 1: Matching, Sorting, and Patterning:
Large Print Kit: 7-03560-00.....$233.00
Braille Kit: 5-03560-00.....$273.00

Unit 5: Measurement and Estimation:
Large Print Kit: 7-03562-00.....$249.00
Braille Kit: 5-03562-00.....$259.00

Unit 6: Geometry:
Large Print Kit: 7-03563-00.....$288.50
Braille Kit: 5-03563-00.....$297.00

Unit 7: Fractions, Mixed Numbers, and Decimals:
Large Print Kit: 7-03564-00.....$265.00
Braille Kit: 5-03564-00.....$268.00

Unit 8: Data Collection, Graphing, and Probability/Statistics:
Large Print Kit: 7-03565-00.....$175.00
Braille Kit: 5-03565-00.....$176.00

Unit 8 Kit

Optional Items:

General Guidelines:
Large Print: 7-03560-03.....$15.00
Braille: 5-03560-03.....$25.00

Replacement Items:

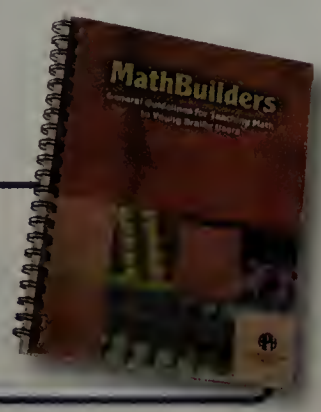
Teacher's Guide:

Unit 1: Large Print: 7-03560-01.....$85.00	Braille: 5-03560-01.....$85.00
Unit 5: Large Print: 7-03562-01.....$59.00	Braille: 5-03562-01.....$63.00
Unit 6: Large Print: 7-03563-01.....$59.00	Braille: 5-03563-01.....$75.00
Unit 7: Large Print: 7-03564-01.....$59.00	Braille: 5-03564-01.....$63.00
Unit 8: Large Print: 7-03565-01.....$59.00	Braille: 5-03565-01.....$61.00

Consumables Pack, Braille:

Unit 1: 5-03560-02.....$38.00	Unit 7: 5-03564-02.....$22.00
Unit 5: 5-03562-02.....$14.00	Unit 8: 5-03565-02.....$16.00
Unit 6: 5-03563-02.....$20.00	

Note: General Guidelines book is included on the CD-ROM with every unit. It is not included in print or braille in the kits, but can be purchased separately in large print and braille editions. It's a good resource for teachers who need information about teaching math to students with visual impairments.



Tactile Tangrams

The materials and activities presented in APH's Tactile Tangrams make this timeless and popular puzzle accessible to students and adults with visual impairments and blindness.

The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving. Many geometry concepts are also reinforced.

Recommended ages: 7 years and up.

Tactile Tangrams Kit: 1-08439-00.....$146.00

Note: The kit contains a large print guidebook, the braille guidebook is available separately.

Optional Item:

Tactile Tangrams: Teacher's Guidebook, Braille (w/CD-ROM containing accessible files): 6-08439-00.....$23.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Item:

Tactile Tangrams: Teacher's Guidebook, Large Print (w/CD-ROM containing accessible files): 8-08439-00.....$22.00

Orion TI-36X Talking Scientific Calculator

This talking calculator has identical functions to the popular Texas Instruments® TI-36X calculator.

Features:

- Over 127 scientific functions, including 1 and 2 variable statistics, trigonometry, and unit conversion
- High-quality speech. Keys speak when pressed, display can be spoken at any time, speech can be turned off
- Rechargeable battery, over six hours of continuous operation, auto-shutoff.

Includes:

- Earphone
- Power adapter
- One year limited warranty

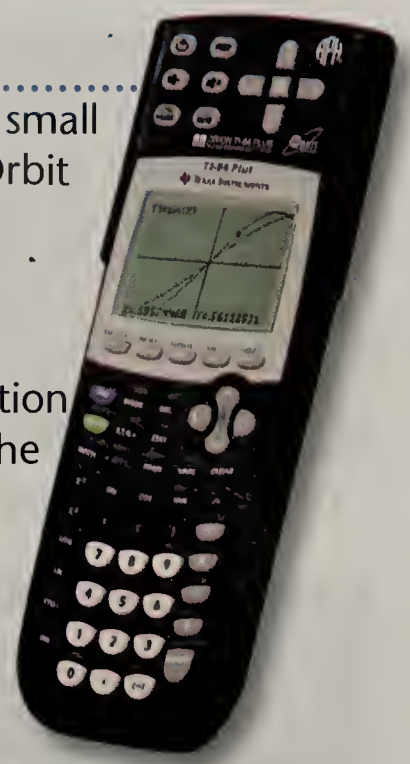
Orion TI-36X Calculator: 1-07335-01.....$261.00

Not available with Quota funds.

Math Textbooks in Braille and Large Print

APH offers hundreds of math textbooks in braille and large print! Visit **shop.aph.org** to search for mathematics titles.

Orion TI-84 Plus Talking Graphing Calculator



The Orion TI-84 Plus Talking Graphing Calculator is a modified TI-84 Plus with a small attachment that adds accessibility and additional controls. APH partnered with Orbit Research® and Texas Instruments® to make this powerful calculator accessible.

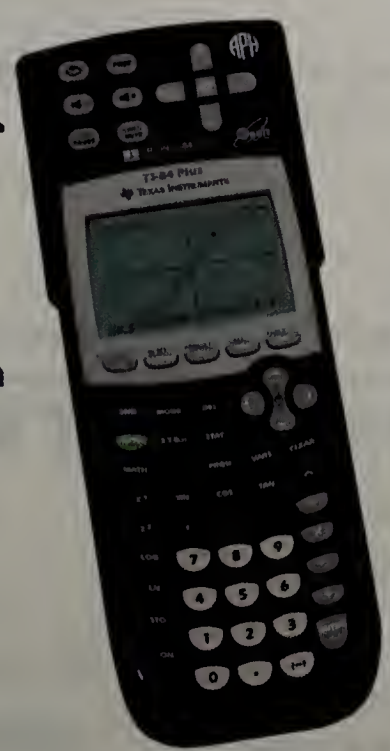
Unique Graph Access

The attachment consists of a unit on top of the calculator, above the screen. It includes six function keys and five cursor keys, plus stereo speakers. Use the function keys to control preferences, volume, rate, pause, silence, repeat, and more. Use the cursor keys for screen reader control, such as previous and next line, next word, next character, read all, etc.

Explore graphs using either spoken announcements or innovative "sonograph" audio and haptic (vibrating) feedback. For audio feedback, moving along the graph from left to right shifts the tone from the left to the right stereo channel; raises and lowers the tone to follow graph coordinates; as the graph moves below the x-axis where the y-coordinates are negative, white noise is added to the tone. Haptic feedback is provided for negative y-coordinates, axes crossings, and tick marks.

9.3 x 3.5 x 1 inch

Note: The Talking Graphing Calculator requires two separate sets of batteries: 1). The attached talking unit includes a built-in rechargeable battery that is charged with the included USB AC adapter. 2). The graphing calculator itself requires four standard user-replaceable AAA batteries (included).



Talking Graphing Calculator

Hard Plastic Sliding Cover

4 AAA batteries & Quick Start Guide in print and braille *(not pictured)*

Orion TI-84 Plus Talking Graphing Calculator: 1-07340-00.....$599.00 + shipping

Replacement: Hard Plastic Sliding Cover: 45-004-011.....$13.65

ADDITIONAL SHIPPING CHARGE

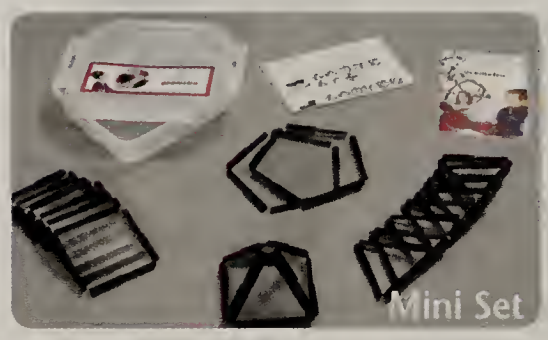
All shipments will incur actual UPS shipping rates based on the destination.

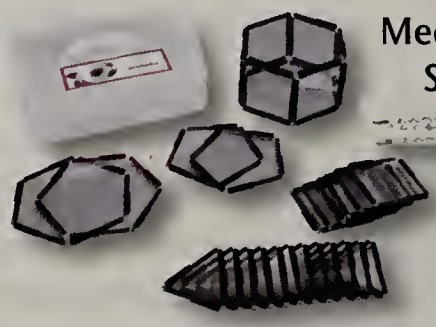
Geometro

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro models are flat plastic shapes – triangles, squares, pentagons, and hexagons – that can be readily joined to form three-dimensional solids. The pieces use Velcro® material to adhere to each other and are easy to handle, sturdy, and safe. Even the youngest learners quickly master them.

Geometro:

GS16 Mini Set (8 triangles, 6 squares, and 2 pentagons): 1-03022-00.....$94.00
GS22 Medium Set (12 triangles, 6 squares, 2 pentagons, and 2 hexagons): 1-03023-00.....$121.00
GS56 Large Set (24 triangles, 12 squares, 12 pentagons, and 8 hexagons): 1-03024-00.....$319.00

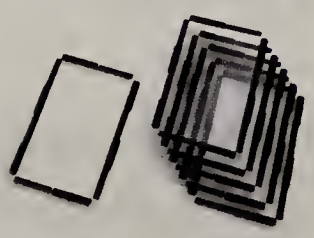

Mini Set


Medium Set

Large Set

Geometro Shapes

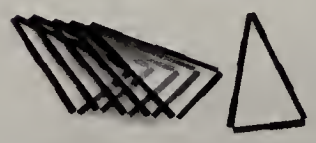
Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.



Pack of 6 Rectangles:
1-03028-00.....$48.00

Pack of 12 Decagons:
1-03025-00.....$203.00

Pack of 6 Octagons:
1-03026-00.....$106.00



Pack of 6 Isosceles Triangles:
1-03029-00.....$39.00

Pack of 3 Velcro Rods:
1-03027-00.....$31.00

There's a Wealth of Information at www.aph.org

Find a wealth of information about APH products, services, and programs at the APH website!

Find Information About:

- Product manuals
- Product webcasts & videos
- Textbook ordering
- Custom tests
- Fred's Head Blog highlights
- Easy access to APH's *Louis* Database
- Federal Quota Program
- Cortical Visual Impairment
- Tour & Museum
- So much more!

New!

Student Workbook Kit for Geometro

This kit is designed for students in the elementary grades, and revolves around three kinds of tasks:

- Familiarizing students with various 3-D solids and their general properties
- Helping students grasp the difficult concepts of how 3-D solids relate to their 2-D representations
- Helping students understand how 3-D objects are made with 2-D objects

Students learn how to:

- Identify and tactually analyze 2-D shapes
- Identify, build, examine, and tactually analyze 3-D solids
- Identify and compare properties of 3-D solids
- Construct nets of 3-D solids
- Identify 2-D figures that are nets of 3-D solids
- Match tactile drawings of 3-D solids with tactile graphic nets

Kit includes:

- Tactile Pages
- Manipulatives (rod models, magnetic tiles)
- Magnetic Board
- Braille Pocket Folder
- Storage Binder
- Graphic Art Tape
- Teacher's Guide, Large Print
- Teacher's Manual, Large Print

The Student Workbook Kit for Geometro is to be used with Geometro, which can be purchased separately from APH.

Student Workbook Kit for Geometro: 1-03021-00.....$329.00

WARNING: Choking Hazard — Small Parts. Not intended for children ages 5 and under without adult supervision.

Optional Item

Teacher's Manual, Braille Edition: 5-03021-00.....$15.00

Teacher's Manual, HTML Edition: 61-421-234

PARTS StackUps: Spatial Reasoning Using Cubes and Isometric Drawings

Encourages students using 2-D and 3-D shapes to:

- Recognize, name, build, draw, compare, and sort
- Describe attributes and parts
- Investigate and predict the results of putting together and taking apart

Recommended ages: 10 years and up.

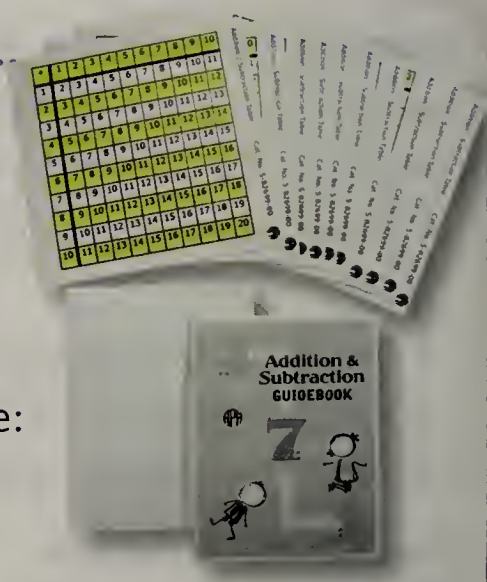
StackUps: 1-08960-00.....$245.00

Replacement Items:

Cubes (set of 20): 1-08960-01.....$49.00
Mat Plan Worksheets (25-pk.): 1-08960-02.....$6.00
Teacher's Guidebook with CD-ROM:
Large Print: 7-08960-00.....$69.00
Braille: 5-08960-00.....$43.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Addition and Subtraction Table Kit



This large print/braille tool is designed to reinforce the basic addition and subtraction facts for young math students. The grid can be used to find the sum of two whole numbers from 1 through 10 or the difference of a related subtraction problem. Includes 10 printed/embossed charts and a print guidebook.

The Addition and Subtraction Guidebook is available as a free download in accessible formats of .brf and .txt from the APH website: **www.aph.org/manuals/index.html**

Addition and Subtraction Table Kit: 5-82699-00.....$19.50

Multiplication/Division Table Kit

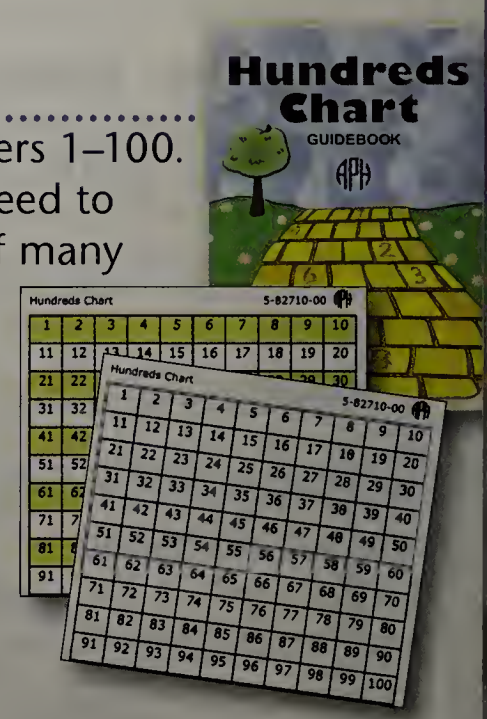
This large print/braille tool helps math students with multiplication and division problems. The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help low vision students easily track numbers. The Multiplication/Division Table Kit has been expanded so students can find the products of two whole numbers from 1–10 or the quotient of a related division problem. Includes 10 charts (grids) and a print guidebook.

The Multiplication/Division Guidebook is available as a free download in accessible formats of .brf and .txt from the APH website: **www.aph.org/manuals/index.html**

Multiplication/Division Table Kit: 5-82700-01.....$19.50

Replacement Item: Guidebook: 17-125-013.....$5.40

Consumable Hundreds Chart



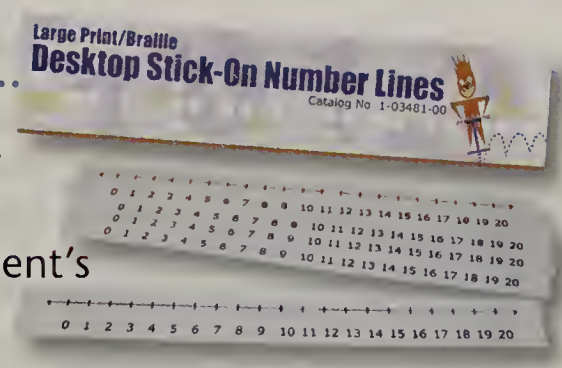
APH's **Consumable Hundreds Chart** is a graphic organizer for the numbers 1–100. Working with the Hundreds Chart helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Five sheets have no highlighting so students can easily color or mark numbers and patterns. Includes 10 charts (5 with highlighting and 5 without highlighting) and a large print guidebook.

The Consumable *Hundreds Chart Guidebook* is available as a free download in accessible formats of .brf and .txt from the APH website: **www.aph.org/manuals/index.html**

Consumable Hundreds Chart: 5-82710-00.....$15.00

PARTS Desktop Stick-On Number Lines



APH's Desktop Stick-On Number Lines visually and/or tactually demonstrate basic number concepts in counting, sequencing, number recognition, number relationships, addition, and subtraction. These reusable (up to 5x), self-adhesive number lines are perfect for the student's desk or tabletop. The adhesive will not permanently stick to surfaces or mar them.

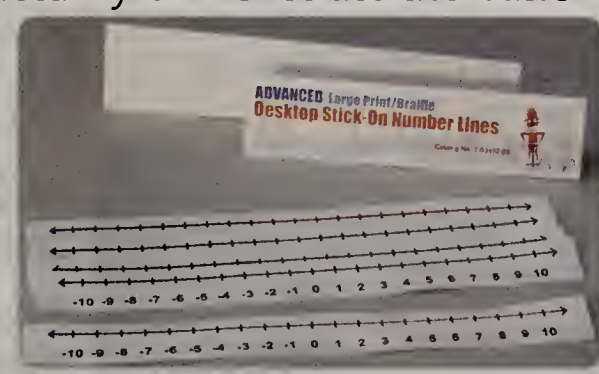
Recommended ages: 6 years and up.

Desktop Stick-On Number Lines: Large Print/Braille (5-pk.): 1-03481-00.....$13.00

New!

Advanced Desktop Stick-On Number Lines

APH's Advanced Desktop Stick-On Number Lines visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades 6 & 7.



Recommended ages: 11 years and up.

Advanced Desktop Stick-On Number Lines:
Large Print/Braille (5-pk.): 1-03482-00.....$18.00

Consumable Number Lines

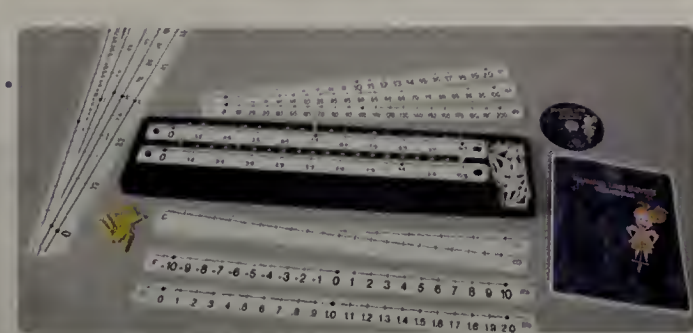
Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: 6 years and up.

Consumable Number Lines:
Large Print Set: 1-03012-00.....$14.00
Braille/Tactile Set: 1-03013-00.....$14.00

Number Line Device

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals.



Large print manual and a CD-ROM with manual in accessible file formats is included.

Print and braille versions of the manual are available as a free download at **www.aph.org/manuals**

Recommended ages: 5 years and up.

Number Line Device: 1-03480-01.....$152.00

WARNING: Choking Hazard — Small Parts. Not intended for children ages 5 and under without adult supervision.

Analog Clock Model

Helps teach about time-telling concepts. Has braille and raised large print markings and hands that are easily rotated. The hands are synchronized like those of an actual clock (the Model has no motor).

Recommended ages: 6 to 10 years.

1-03125-00.....$10.00

Clock Face Sheets in Braille

Each sheet contains four embossed braille clock faces. Hands can be added to these blank clock faces. Embossed on manila transcribing paper measuring 11 1/2 x 11 inches. 3-hole punched. 25-pk..

Recommended ages: 6 to 10 years.

1-03111-00.....$16.00

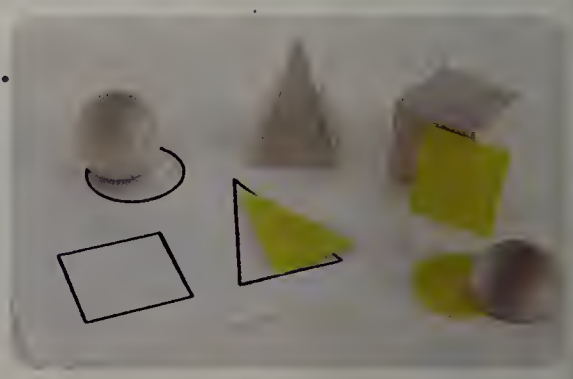
Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Recommended ages: 12 years and up.

1-08841-00.....$87.00

Geometric Forms

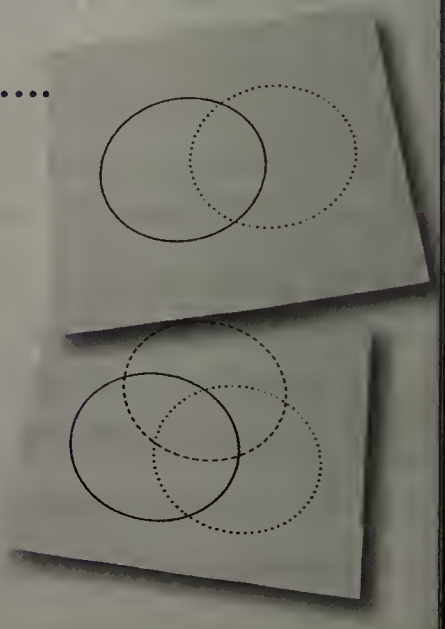


Introduces students to the circle, square, and triangle. Includes 3 plane figures, 4 solid figures, and 1 white plastic sheet illustrating the three shapes in black, raised lines.

Recommended ages: 5 years and up.

1-03410-00.....$44.00

Venn Diagram Template Kit

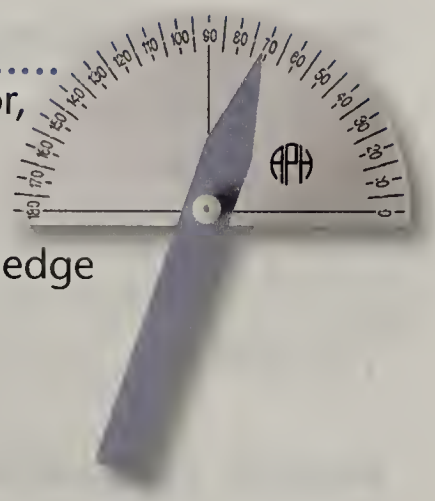


A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets.

The Venn Diagram Template Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

Venn Diagram Template Kit: 1-04095-00.....$16.00

Braille/Large Print Protractor



Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every 5 degrees. The lines are bold and the type is 18 point.

This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

1-04115-00.....$14.00

Large Print and Tactile Protractors

Students can use the same convenient measuring tools in both classroom and assessment situations.

Both protractors feature:

- Lightweight, clear plastic
- Movable, transparent yellow wand
- 6-inch ruler at bottom edge
- Open hole where a wand is attached for inserting pencil or push pin at vertex of angle
- Notches on bottom left and right allow for pinning to a surface

Large Print Protractor

- Bold, sans serif, 20-point font
- Upper labels mark every 10 degrees from 0° to 180°
- Lower labels mark every 20 degrees from 180° to 0°

Large Print Protractor (4-pk.):
1-04116-00.....$25.00

Tactile Protractor

- Braille dot markings on upper edge
- 3 braille dots at 0°, 45°, 90°, 135°, 180°
- 2 braille dots at each 10° to 170° except 90°
- A single braille dot at every 10° increment from 5° to 175°, excluding 45° and 135°

Tactile Protractor (4-pk.):
1-04117-00.....$28.00

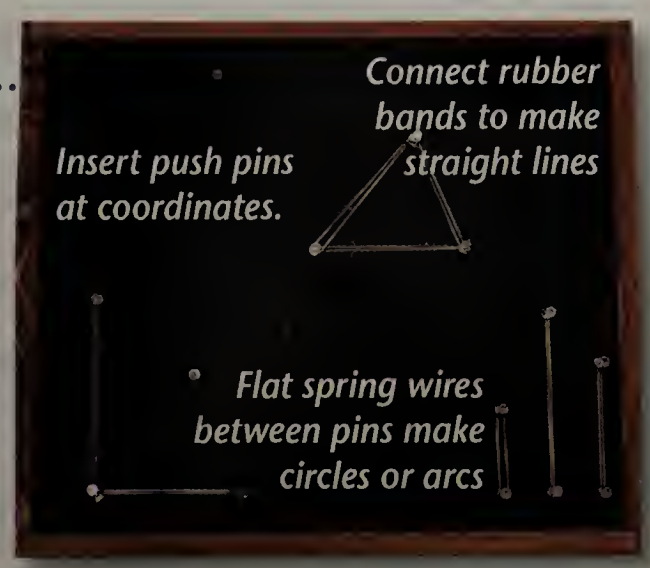
Graphic Aid for Mathematics

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus.

Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

Recommended ages: 8 years and up.

1-00460-01.....$192.00



PARTS Fractional Parts of Wholes Set

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths.

Recommended ages: 5 years and up.

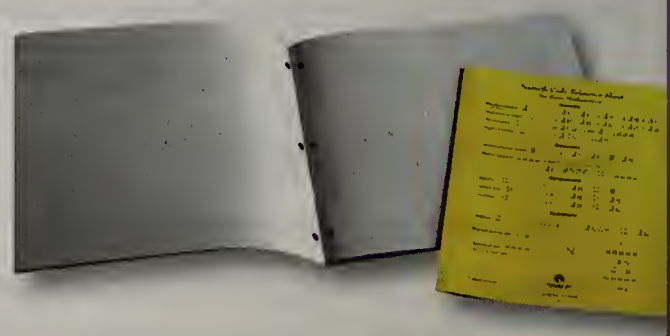
1-03290-00.....$55.00

Nemeth Code Reference Sheet for Basic Mathematics

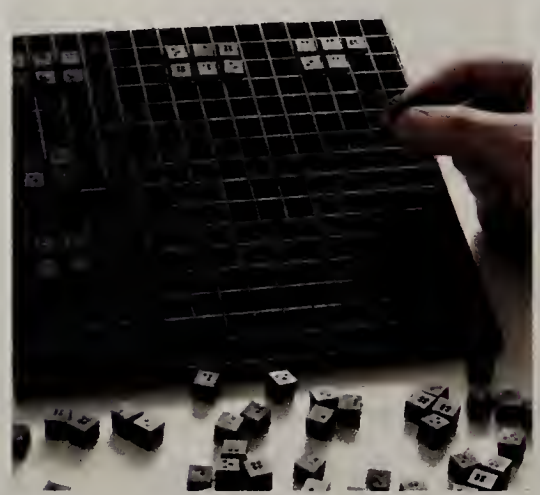
Listing of common symbols from the Nemeth Braille Code for Mathematics. Shows symbols in use.

Groupings Include:

- Numbers
- Omissions
- Comparisons
- Operations
- Money
- Geometry
- Fractions
- Other Related Symbols



***Nemeth Code Reference Sheet for Basic Mathematics*:**
Print: 7-87500-00.....$5.00
Braille: 5-87400-00.....$12.00



Brannan Cubarithm Slate and Cubes

Young students may find it easier to use this device rather than a brailler to align problems such as multiplication.

A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Frame and cubes are sold separately.

Recommended ages: 6 years and up.

Cubarithm Slate 1-00320-00.....$26.00

Plastic Cubes (Set of 100): **1-00330-00.....$20.00**

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

PARTS Hundreds Boards and Manipulatives

These two boards and included manipulatives can be used to help teach basic math concepts. Includes two desk-sized (10x10 inch) boards made of heavy-duty plastic.

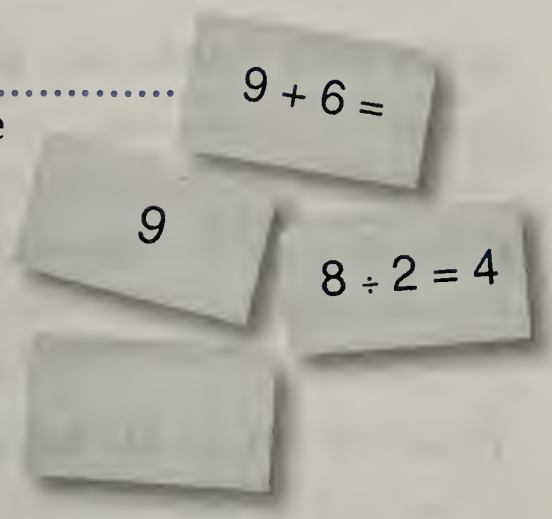
Recommended ages: 5 to 10 years.

Hundreds Boards and Manipulatives:
1-03105-00.....$140.00

Replacement Item:
Numbers only: 1-03105-01.....$15.00

Note: Some assembly required.

Math Drill Cards in Braille and Large Print



These handy math skill reinforcing cards are sold in five separate sets. The cards in the Number & Math Sign set have a math sign or number sign in braille and large print and braille on opposite sides. Large print/braille math operations cards have a math fact and the fact with the answer on opposite sides. Braille is Nemeth Braille Code for Mathematics.

Recommended for age 5 to 10.

Math Drill Cards:

Number & Math Signs:
1-03551-00.....$8.00
Addition: 1-03552-00.....$8.00
Subtraction: 1-03553-00.....$8.00
Multiplication:
1-03554-00.....$8.00
Division: 1-03555-00.....$7.00

Note: Some assembly required. These cards can be used with APH's Card Chart Kit, 1-03550-00.

Quick Pick Math

A math game consisting of a plastic packet with 50 large print/braille cards. The front and back of each card contains a math question and four possible answers. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out, and the student should try again. Transcribed in Nemeth Braille.

Recommended ages: 5 years and up.

Addition: 1-03570-00.....$38.00
Subtraction: 1-03571-00.....$38.00
Multiplication: 1-03572-00.....$38.00
Division: 1-03573-00.....$38.00
Blank Cards, set of 50: 1-03577-00.....$7.00

Quick Pick Counting

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers. Can also be used with developmentally delayed students.

Game includes 50 one-sided game cards in a plastic packet and is played as described above in Quick Pick Math. The student counts the tactile symbols and then reads the correct braille number. The raised-line symbols are embossed only, the number answers are large print/braille.

Recommended ages: 4 years and up.

Counting: 1-03574-00.....$33.00
Blank Cards, set of 50: 1-03577-00.....$7.00

Quick Pick Cards Set, Blank

Includes 50 game cards that can be used with the Quick Pick Game series.

Quick Pick Cards, Blank
(set of 50): 1-03577-00.....$7.00

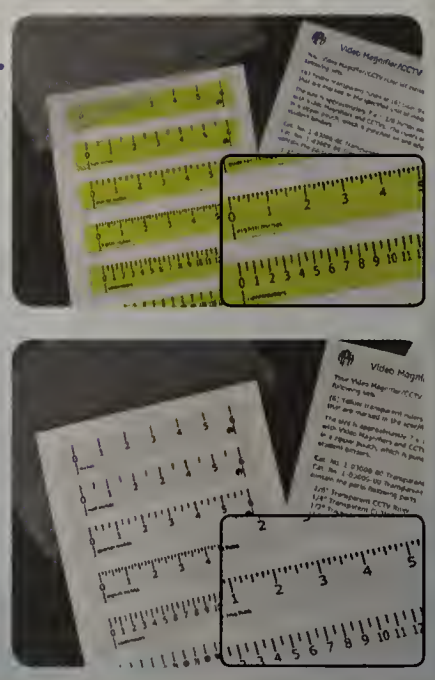
Transparent CCTV Rulers

These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television).

Includes:

- 7 x 1 1/8 inch transparent rulers, (clear or yellow):
  - 1 ea., English: 1/8, 1/4, 1/2, and 1 inch
  - 1 ea., Metric: 1 mm and 1 cm
- Vinyl zipper pouch, 5-hole punched, fits standard 2- and 3-ring binders
- Instructions, print & braille

Transparent CCTV Ruler Kit:
Yellow (set of 6): 1-03008-00.....$11.00
Clear (set of 6): 1-03009-00.....$10.75



Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. 7-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

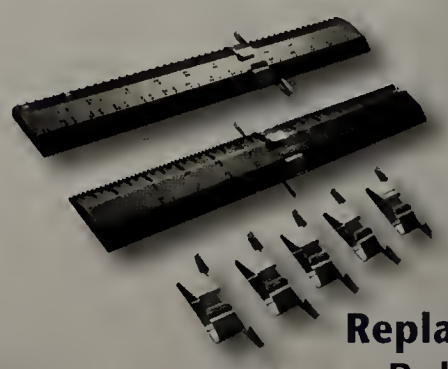
Toss-Away Ruler (24-pk.):
Large Print/Braille: 1-03010-00.....$16.00
Large Print Only: 1-03011-00.....$10.00

1-Foot Braille Rulers

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included (also available separately). Recommended ages: 5 years and up. Two versions are offered:

Metric-English Measurement Ruler: Metric edge has raised lines every half-centimeter and braille numbers every two centimeters. Opposite English edge has raised lines every 1/4 inch and braille numbers at each inch.

1-03100-00.....$12.00



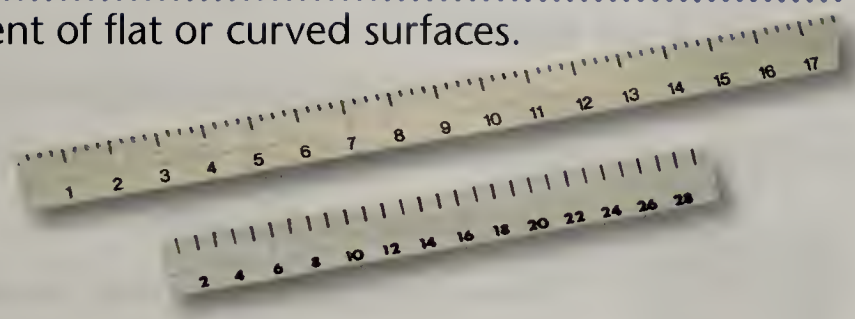
English Measurement Ruler: Has raised lines. Braille numbers at each inch. Fourths on one edge, eighths on the other.

1-03070-00.....$12.00

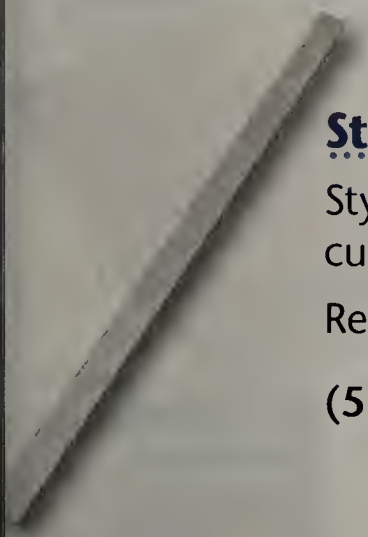
Replacement: Caliper Slide for either Ruler (5-pk.): 1-03091-00.....$16.00

Flexible Rulers (Braille/Large Print)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces.
Recommended ages: 5 years and up.



Flexible Ruler (5-pk.):
18-Inch: 1-03050-00.....$10.00
30-Centimeter: 1-03031-00.....$9.00



Stick-On Tactile Ruler

Styrene one foot long by half inch wide with double-sided adhesive on back. Can be cut down if needed. Raised lines (no braille or print) indicate divisions to 1/8 inch.

Recommended ages: 8 years and up.

(5-pk.): 1-03081-01.....$8.00

Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

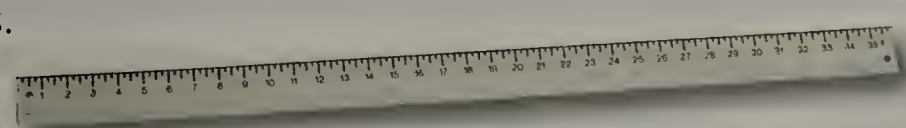
Recommended ages: 5 years and up.

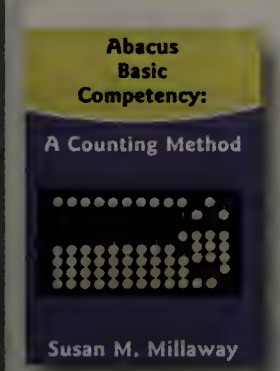
1-03000-00.....$25.00

Braille/Large Print Yardstick

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 1/4 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

1-03002-00.....$21.00





Abacus Basic Competency: A Counting Method

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

Abacus Basic Competency:
Large Print: 7-00219-00.....$17.50
Braille: 5-00219-00.....$23.00

Other Abacus Books

The Abacus Made Easy:
Braille: 5-00220-00.....$55.00
Large Print: 4-00100-00.....$19.00

Using the Cranmer Abacus for the Blind:
Braille: 6-50100-00.....$45.00
Large Print: 4-27110-00.....$40.00

APH offers four abacuses, each with specific features to address a variety of needs.

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.

Beginner's Abacus

Reinforces beginning mathematical concepts. Braille guidebook available separately.

Recommended ages: 5 to 7 years.

Beginner's Abacus (includes print guidebook): 1-03180-00.....$30.00

Optional ***Beginner's Abacus Guidebook,*** **Braille: 5-03180-00.....$15.00**

Replacement ***Beginner's Abacus Guidebook,*** **Print: 7-03180-00.....$12.00**

Expanded Beginner's Abacus Kit

This abacus supports concepts and skills such as one-to-one correspondence, number meaning, addition, and subtraction. It also lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for direct representation of a given value and enhanced readability for "little fingers". Measures 5.37 x 3.25 x 0.75 inches.

Velcro® strips are provided for connecting multiple abacuses together, in order for students to complete computations that involve amounts of money or numbers too large for the EBA.

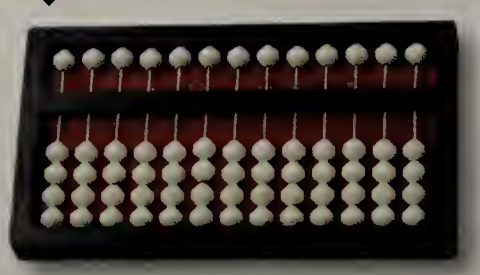
Note: Braille guidebook available separately.

Recommended ages: 5 to 7 years.

Expanded Beginner's Abacus Kit (includes print guidebook): 1-03181-00.....$30.00

Optional ***Expanded Beginner's Abacus*** **guidebook, Braille: 5-03181-00.....$20.00**

Replacement ***Expanded Beginner's Abacus*** **guidebook, Print: 7-03181-00.....$8.00**



Large Abacus

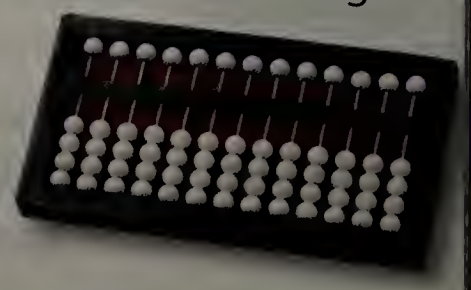
Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are 1/2 in diameter.

Recommended ages: 5 years and up.

1-03170-00.....$29.00

Cranmer Abacus

A 13-rod abacus, beads have a 3/8 inch diameter. An optional metal coupler is available for linking two abacuses together.



Recommended ages: 5 years and up.

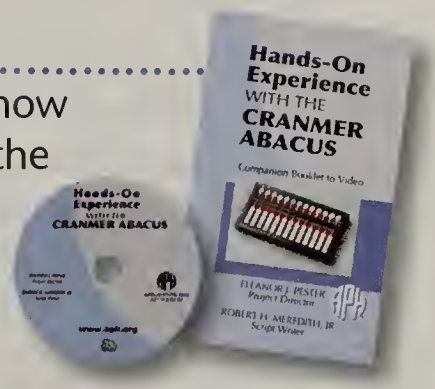
Cranmer Abacus: 1-03150-00.....$30.00

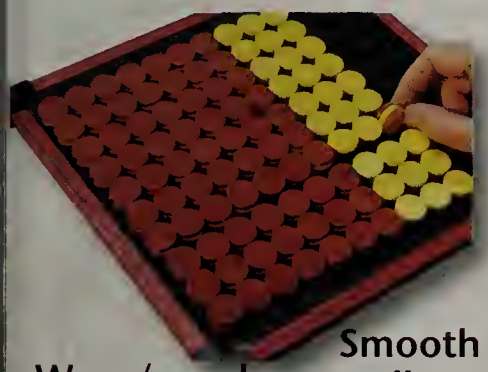
Optional Coupler for Cranmer Abacus: 1-03160-00.....$5.00

Hands-On Experience with the Cranmer Abacus

The concepts and skills covered in this DVD and accompanying booklet include how numbers are represented and how to perform the four basic math functions on the Cranmer Abacus.

1-30004-DVD.....$25.00



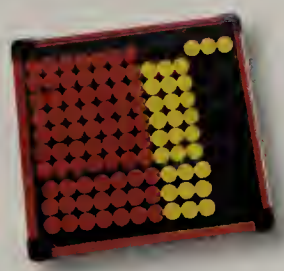


Wavy/rough red beads **Smooth yellow beads**

EZeeCOUNT Abacus

This abacus consists of a 10 x 10 grid of flat beads. The beads can be flipped and distinguished by color and/or texture. The red beads are wavy/rough and the yellow beads are smooth. Each row of beads slides along an elastic band from left to right. The reverse side is a dry-erase board.

The included instruction booklet provides examples of how the EZeeCOUNT Abacus can be used in a variety of ways.



Example of "Count by 3's" activity

Recommended ages: 5 years and up.

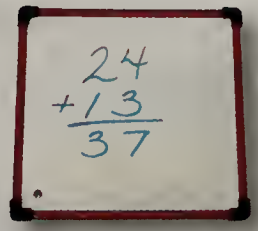
Print guidebook included. Braille guidebook available separately.

EZeeCOUNT Abacus (with Large Print Guidebook): 1-03185-00.....$60.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Optional EZeeCOUNT Abacus Guidebook, Braille:
5-03185-00.....$15.00

Replacement EZeeCOUNT Abacus Guidebook, Large Print:
61-078-022.....$8.45



Dry-Erase side allows students to write math problems, play games (*e.g., Tic-Tac-Toe), and more. *Markers not included.*

APH is interested in YOUR new product ideas!

The American Printing House for the Blind gives serious consideration to ideas for products that improve the lives of persons who are blind and visually impaired. We are especially interested in product ideas that support the Expanded Core Curriculum.

Potential products could address such areas as:

- Academics
- Activities of Daily Living (ADL/ILS)
- Assessment
- Assistive Technology
- Early Childhood
- Literacy, Communication Modes, Tactile Graphics
- Low Vision, Visual Efficiency
- O&M
- Recreation, Leisure
- Social Skills
- Vocational, Educational, Career Education, Transition

Submit Your Idea

Please complete an APH product submission form: **http://www.aph.org/products/prodideas.htm** or contact: **Monica Turner**, Chair of APH New Product Review Committee, **mturner@aph.org**

Core Curriculum:

Science and Health

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Brain Quest

APH has published four large print/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers.*

Recommended ages: 9 years and up.

American History:
6-17001-00.....$145.00

English:
6-17002-00.....$93.00

Geography:
6-17003-00.....$89.00

Science:
6-17000-00.....$92.00

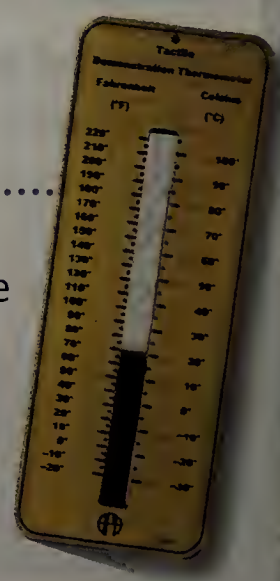
Tactile Demonstration Thermometer

Allows students to independently read, set, and compare temperatures.

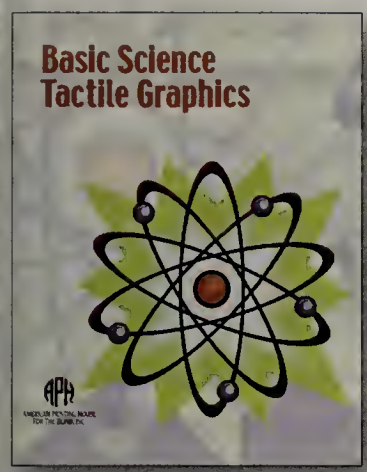
- A two-textured, two-colored adjustable "mercury column" with an easy-grip tactile indicator
- Comparable Fahrenheit and Celsius scales presented in both large print and braille

Recommended ages: 6 and up.

1-03020-00.....$67.00



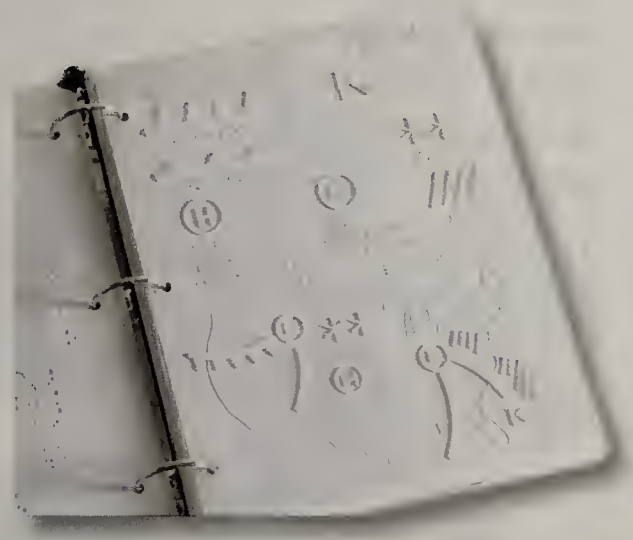
"Mercury column" slides up and down to demonstrate temperature reading.



Basic Science Tactile Graphics

Basic Science Tactile Graphics are vacuum-formed raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks. They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing.

Includes 52 graphics, such as: Insect, Blood Flow from Artery to Vein, Sound Frequencies, and Volcano Formation (Cutaway View).



Basic Science Tactile Graphics: 1-08850-00.....$87.00

Optional Item:
Guidebook, Braille: 5-08850-00.....$18.00

Replacement Item:
Guidebook, Large Print: 7-08850-00.....$10.00

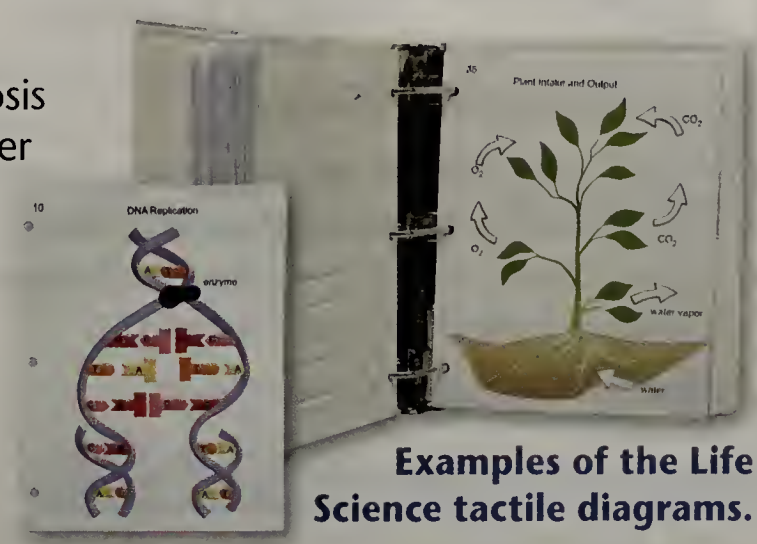
Life Science Tactile Graphics

Vacuum-formed, full-color raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle- and high school life science courses.

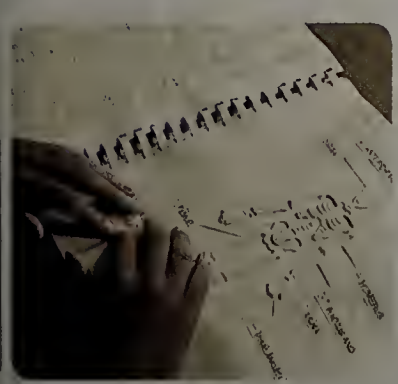
Includes 56 graphics, such as: Cell Sizes and Shapes, Mitosis & Meiosis, Seed Germination, Bird Flight Adaptations, Water Molecule, and Food Web.

Life Science Tactile Graphics: 1-08840-00.....$240.00

Replacement Item:
Life Science Tactile Graphics Teacher's Guide, Large Print: 61-151-211.....$6.25



Examples of the Life Science tactile diagrams.



Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the body.

Each tactual diagram has braille and print labels accompanied by a brief braille description. A print version of each brailled text is included in the Instructional Text.

Recommended ages: 12 years and up.

Basic Tactile Anatomy Atlas: **1-08845-00.....$152.00**

Replacement: Instructional Text, Regular print: 7-08845-00.....$30.00

Sense of Science Series

Tactile overlays include braille.

Sense of Science is a unique series designed to make the world of science accessible, understandable, and enjoyable. All learners can benefit from this hands-on, multi-sensory approach.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand- alone items. An accompanying large print guidebook *(braille edition available separately)* suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.

Three modules are currently available, **Sense of Science: Plants**, **Sense of Science: Animals**, and **Sense of Science: Astronomy**. Additional modules will be available in the future.

Mini-Lite Box sold separately

Great for all students!

Sense of Science: Plants

This is the first module of a unique science series for visually impaired students, and for other students who may benefit from a multi-sensory approach to learning.

Recommended ages: 5 to 10 years.

SOS: Plants: 1-08980-00.....$204.00

Optional Item:
Guidebook, Brl: 5-08980-00.....$35.00

Replacement Item:
Guidebook, LP: 7-08980-00.....$32.00

Sense of Science: Animals

This is the second module in this tactile/visual "hands-on" series. Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a "science tidbit."

Recommended ages: 5 to 10 years.

SOS: Animals: 1-08990-00.....$350.00

Optional Item:
Guidebook, Brl: 5-08990-00.....$52.00

Replacement Item:
Guidebook, LP: 7-08990-00.....$46.00

Science Textbooks in Braille and Large Print

APH offers hundreds of science textbooks in braille and large print! Visit **shop.aph.org** to search for science titles.

Sense of Science: Astronomy

Unlike previous modules, this set of materials is appropriate for a broader range of ages and grade levels of students with visual impairments and blindness. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

Recommended ages: 8 years and up.

Mini-Lite Box sold separately

SOS: Astronomy: 1-08991-00.....$293.00

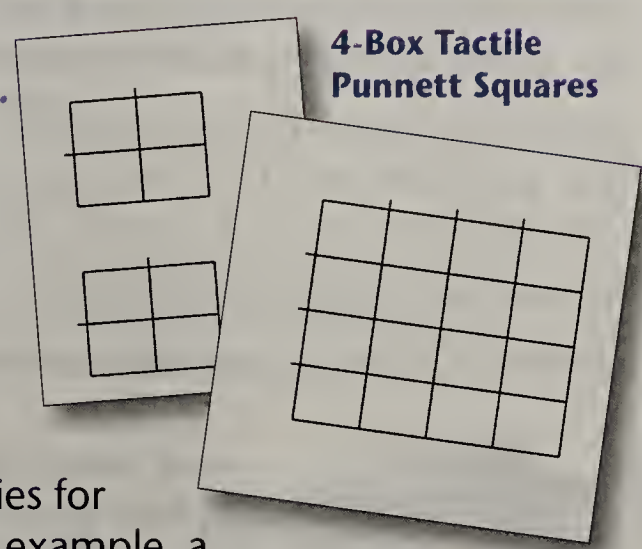
Optional Item: Guidebook, Braille: 5-08991-00.....$58.00

Replacement Items:
Quick Fact Cards: 1-08993-00.....$70.00
Worksheets: 1-08992-00.....$37.00
Guidebook, Large Print: 7-08991-00.....$58.00

Tactile Punnett Squares Sheets

A Punnett square is a diagram that is used to predict the outcome of a particular genetic cross or breeding experiment. It is used by biologists to determine the probability of offspring genotypes. The Punnett Square is a visual representation of Mendelian inheritance.

Recommended ages: middle through high school.



4-Box Tactile Punnett Squares

16-Box Tactile Punnett Squares

4-Box Punnett Squares

Allows your students to predict offspring genotypes and probabilities for one character from the known genetic makeup of two parents; for example, a monohybrid cross or a test cross. Each of the four boxes of the Punnett Square easily accommodates four braille cells across. Two 4-Box Punnett Squares are printed and embossed on 90 lb. 8.5 x 11 inch paper. 25 sheets per re-sealable envelope.

1-08890-00.....$15.00

16-Box Punnett Squares

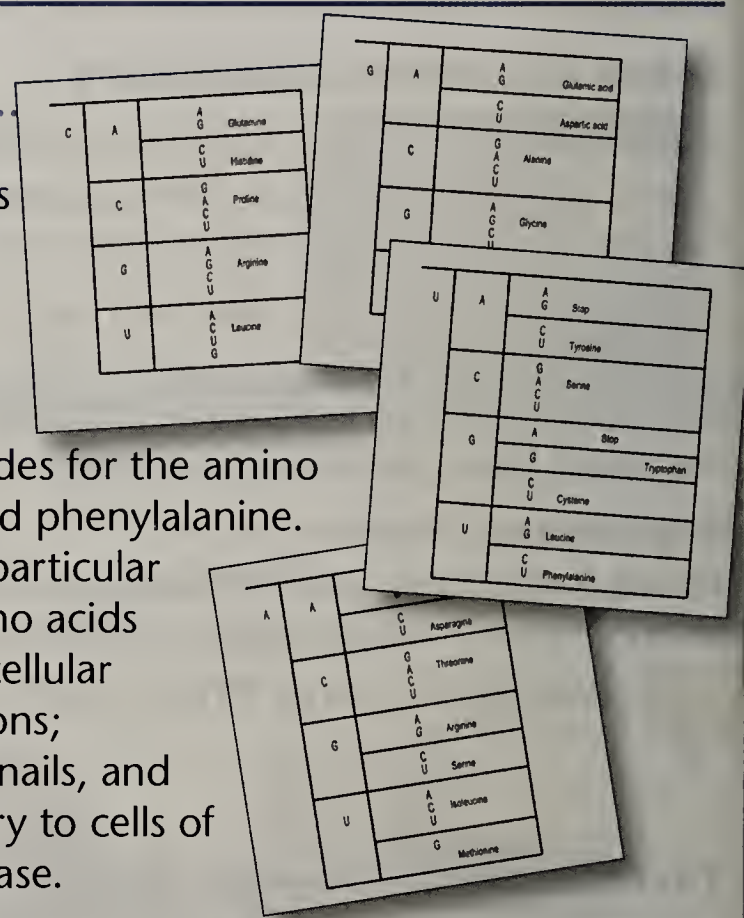
Allows your students to predict offspring genotypes and probabilities for two characters from the known genetic makeup of two parents; for example, a dihybrid cross. Each of the 16 boxes of the Punnett Square accommodates eight braille cells across. One 16-Box Punnett Square is printed and embossed on 90 lb. 11.5 x 11 inch paper. 25 sheets per re-sealable envelope.

1-08891-00.....$15.00

American Printing House for the Blind ~ *Shopping*

Ordering for U.S. Customers: http://shop.aph.org

Genetic Code Large Print Braille



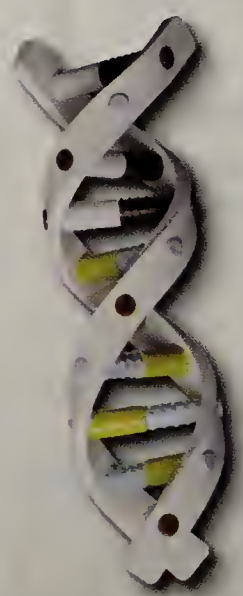
The genetic code is the set of rules by which information encoded within genetic material (DNA or mRNA sequences) is translated into proteins (amino acid sequences) by living cells.

The genetic code consists of 64 three-letter "words" or "codons" that use a four-letter nucleotide alphabet: A, U, C, and G. Each three-letter codon is translated to one of 20 amino acids or a stop signal. For example, the codon AUG codes for the amino acid methionine, and the codon UUU codes for the amino acid phenylalanine. In this way, a sequence of DNA nucleotides is translated to a particular sequence of amino acids. During the translation process, amino acids are linked together to form proteins. Proteins are involved in cellular activities such as enzyme proteins needed for chemical reactions; structural proteins such as keratin and collagen found in hair, nails, and skin; hemoglobin in red blood cells needed for oxygen delivery to cells of the body; and antibodies that provide protection against disease.

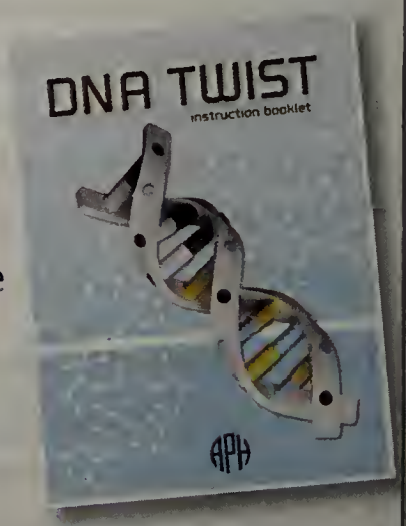
These large print/braille sheets are embossed and printed on 11.5 x 11 inch 90# paper and contain four pages per set. Each set contains a separate page for nucleotide codons or triplets beginning with the letters A, U, C, and G, and the amino acids for which they code.

Recommended age: High school.

Genetic Code Large Print Braille (10 sets per/pk): 1-08977-00.....$17.00



DNA Twist



DNA Twist is a model that demonstrates the structure of the DNA molecule in a way that is accessible to students who are blind and visually impaired.

The DNA Twist model is made of two foam sidebars representing the sugar-phosphate "backbone" and ten rungs representing the paired bases. The paired-base rungs are made of contrasting colors and textures to convey the concept of the base-pairing rules that govern the structure of double-stranded DNA molecules.

The model is shipped flat and easily twists to form the familiar double-helix configuration of a DNA molecule. The included stand holds the model in its twisted formation, and a short instruction booklet provides information about DNA and educational resources.

Includes:

- DNA Twist model
- Stand with a non-slip adhesive bottom *(customer applies)*
- Instruction booklet, large print

DNA Twist: 1-08978-00.....$57.00

Once twisted, this model retains its shape!

DNA-RNA Kit

This kit provides students with a sturdy and dependable model, improving on other available molecular biology models.

The **DNA-RNA Kit** is an accessible, interactive model that demonstrates introductory molecular biology concepts, including the formation of single and double strands of DNA, DNA replication, and transcription of DNA to messenger RNA. The model consists of interlocking jigsaw puzzle-like pieces that represent nucleotides, which are the subunits of DNA and RNA. These subunits are accessible to all students and have color, large print, braille, and tactile indicators for the phosphate, sugar, and base (A, C, G, T, and U) components of all nucleotides.

Use the DNA-RNA Kit for classroom demonstration, student-student interaction, and testing and assessment activities.

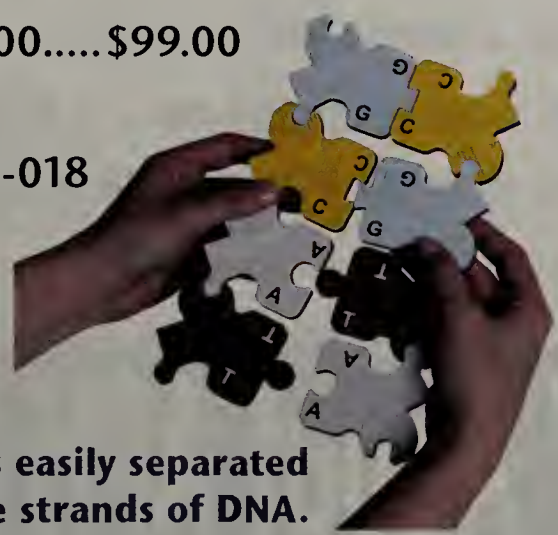
DNA-RNA Kit includes:

- 32 interlocking DNA subunits
- 32 interlocking RNA subunits
- Large print guidebook
- Storage/carry-box
- Accessible HTML and BRF versions of the guidebook are available for download through the APH website.

DNA-RNA Kit: 1-08979-00.....$99.00

Optional Item:

Guidebook: 61-358-018



Double-stranded DNA is easily separated into two intact single strands of DNA.

DNA subunits have black foam backing

RNA subunits have white foam backing

Adapting Science for Students with Visual Impairments: A Handbook for the Classroom Teacher and Teacher of the Visually Impaired

Designed to assist teachers, particularly those with minimal science background and/or VI experience, in making operational science activities accessible to students who are visually impaired and blind. The handbook is sold with 5 each of the *Advanced Preparation* and *Skills Checklists*, which are also available separately.

Adapting Science: 7-00000-00.....$37.00

Replacement: *Advanced Preparation* & *Skills Checklists*, Print (5 ea.): 7-00001-00.....$12.00

Periodic Table of the Elements Reference Chart and Booklet

This reference table is a durable and colorful print/braille chart. It comes with a reference booklet in print or in braille (you choose the format) that contains additional tables listing the elements. Measures 22 1/2 x 13 inches.

Periodic Table of the Elements Reference Chart:
w/Reference Booklet in Print: 7-08855-00.....$44.00
w/Reference Booklet in Braille: 5-08855-00.....$44.00

Replacement: Periodic Table of the Elements Reference Chart: 61-167-025.....$15.40

PARTS Azer's Interactive Periodic Table Study Set

This interactive study set is designed to make learning about the periodic table of the elements accessible to students with visual impairments and blindness.

Assists with the instruction and demonstration of concepts related to the arrangement of the periodic table, atomic structure, ionic and covalent bonding, and balancing of chemical equations.

Note: Some assembly required.

Recommended ages: 10 years and up.

***WARNING: Choking Hazard—** Small Parts. Not intended for children ages 5 and under without adult supervision.*

Azer's Interactive Periodic Table Study Set: 1-08856-00.....$377.00

Optional Item: Braille Guidebook with CD-ROM: 5-08856-00.....$24.00

Replacement Item: Large Print Guidebook with CD-ROM: 7-08856-00.....$19.00

"Your Two Cents" About APH Products!

As a user of APH products, we'd like to know what you think! What did you like about a certain product? What could be improved?

Submit product feedback using our handy online feedback form.

http://www.aph.org/products/feedback/ Your feedback will be passed on to the product developer or other appropriate APH staff members.
We'll use YOUR opinions when we evaluate products.

Give us your two cents today!

Core Curriculum:

Social Studies: History, Geography, and Economics

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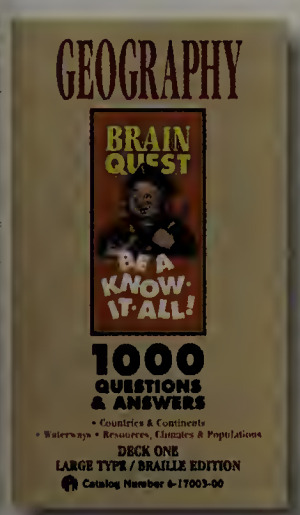


Brain Quest

APH has published four large print/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers.*

Recommended ages: 9 years and up.

American History:
6-17001-00.....$145.00

Geography:
6-17003-00.....$105.00

English:
6-17002-00.....$103.00

Science:
6-17000-00.....$103.00

World Maps

Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world these maps differ from other tactile maps in that they use clear variations in height and texture.

Labeled in braille, the facing pages have key information in braille and large print.

5-06001-00.....$91.00

The Globe: Tactile and Visual

This table model is a standard 12-inch political globe covered with a tactile clear plastic overlay. Among the overlay's features are continent outlines, higher and lower elevations, and raised latitude and longitude lines. Metal stand with a wood base.

Recommended ages: 10 years and up.
Note: Tactile overlay does not contain braille labels.

1-01551-00.....$89.00

National Geographic® Picture Atlas of Our Fifty States, Braille Edition

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state:

- Political map of major cities
- Physical map showing mountains, rivers, etc.
- Road map of interstate and highway routes

Recommended ages: 6 years and up.

5-87431-00.....$268.00

World at Your Fingers

World At Your Fingers features a large tactile reference map showing the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

A large print guidebook and four additional maps are included: Embossed world map, Raised-line world map, Antarctica map, and Sinusoidal map ("orange peel").

Recommended ages: 8 years and up.

1-01190-00.....$78.00

Relief Map for Desk Use

Relief map of the continental U.S. with elevations that are exaggerated 20 times. Ocean floors are incised with latitude and longitude lines. This plastic map uses high-contrast paint to depict water areas as blue and land surfaces as yellow and brown.

Measures 21 1/4 x 15 1/4 inches.

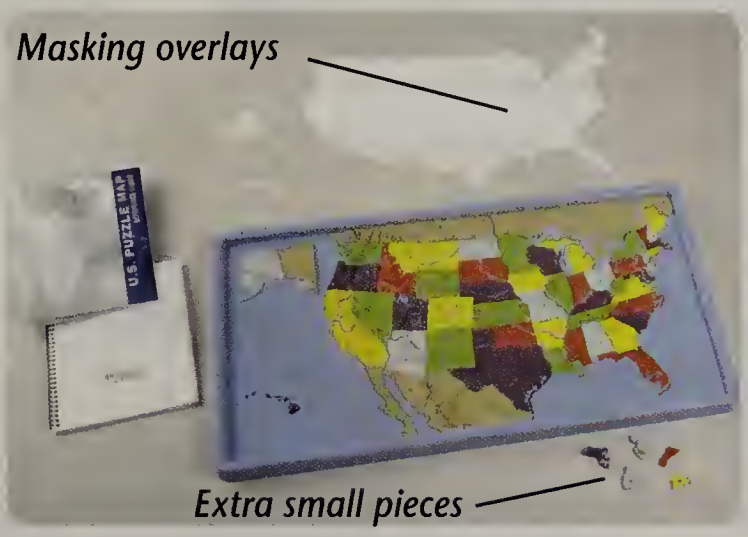
1-01650-00.....$29.00

PARTS U.S. Puzzle Map

This take-apart political/topographical map of the United States measures 32 1/2 x 18 inches and has many features to help make learning fun for all students:

- Puzzle pieces in bright, contrasting colors.
- Tactile mountains, rivers, and state capitals.
- Masking overlays for assessment purposes.
- Large print and braille reference guides
- Lightweight frame with incised state boundaries & state abbreviations in braille, plus latitude/longitude lines.

Recommended ages: 7 years and up.



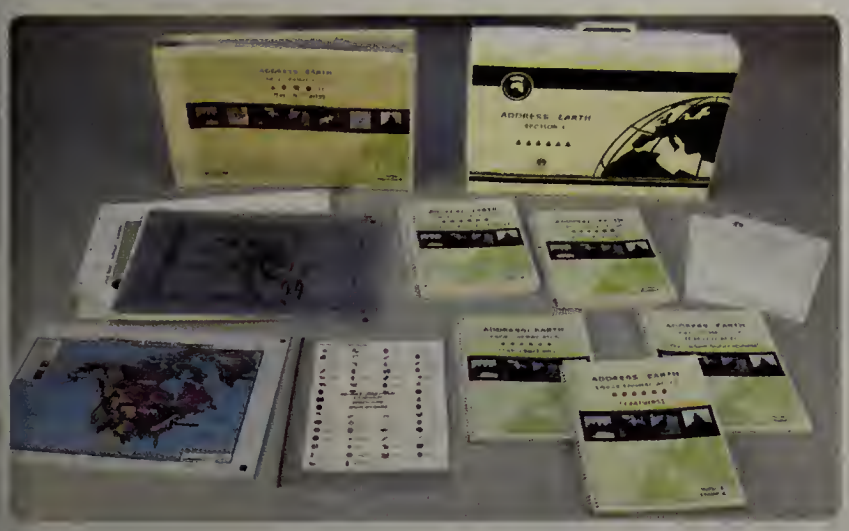
U.S. Puzzle Map (with large print and braille guide):
1-01140-00.....$365.00

Replacement Item:

Reference Guides:

Large Print: 7-01140-00.....$19.00
Braille: 5-01140-00.....$21.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*



Address: Earth, Large Format Color Atlas, Section One

This revolutionary atlas meets 70 specific readability guidelines for users with low vision. APH has partnered with cartography and geography experts from the University of Louisville to research and develop these guidelines. Other sections of the atlas will be announced as they are available. Section One covers: Earth Features, North America, South and Far East Asia, plus the Indian Subcontinent.

Features:

- Text in large print
- Maps and charts in bright, contrasting colors
- Transparent overlays
- Broad lines & large legends
- Durable symbol guide
- High-contrast photos
- Interesting sidebars

***Address: Earth, Section One*: 1-01910-00.....$319.00**

Optional Item:
Textbook Set (5 chapter texts), Brl: 5-01910-01.....$183.00

Replacement Items:
Maps and Charts: 7-01910-00.....$141.00
Textbook Set (5 chapter texts), LP: 7-01910-01.....$205.00

Note: The *Maps & Charts* book and chapter texts are also available separately. Extra chapter texts are handy for teachers with more than one student sharing a map book.

Note: The Textbook Set is for teachers who want to use one map book with more than one student, or who want supplemental materials to accompany adopted textbooks.

Address: Earth, Large Format Color Atlas, Section Two

This Large Format Atlas from APH meets readability guidelines developed for users with low vision and/or color perception problems.

Features:

- Maps and charts in bright, contrast colors
- Transparent overlays
- Broad lines and large legends
- Durable symbol guide
- Text in large print
- High-contrast photos
- Informational sidebars
- Accessible curriculum

Section Two Includes:

- Book of large format maps and charts with a 3-ring binder
- Symbol guide
- Carrying case
- Large format chapter texts covering:
  - Australia
  - New Zealand
  - Oceania
  - Russia and its neighbors
  - Europe
  - Continental Europe
  - Middle East

Note: Extra chapter texts are handy for teachers with more than one student sharing a map book.

Note: The map books and chapter texts are also available separately. Other sections of the atlas will be announced, as they are available.

***Address: Earth*, Section Two: 1-01911-00.....$439.00**

Optional Item

Textbook Set (5 chapter texts), Braille: 5-01911-01.....$329.00

Replacement Items

Maps and Charts: 7-01911-00.....$169.00

Textbook Set (5 chapter texts), Large Print: 7-01911-01.....$229.00

Webcast/Podcast Series!

APH's Maria Delgado is the host of Happenings Around the House, the new webcast/podcast series on all things APH! "Happenings" is live on the second and fourth Wednesday of each month at 2 pm EST. Visit **http://www.aph.org/happenings/** for the schedule and archived episodes! Email Maria at: **mdelgado@aph.org**

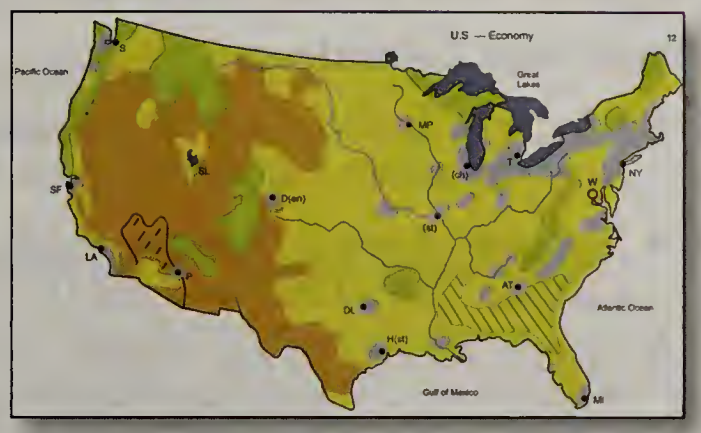
U.S. & Canada Tactile/Print Atlas

The *U.S. & Canada Tactile/Print Atlas* is a reference volume of thematic maps for use in geography, history, or social studies classes in middle grades or higher, or for general informational use outside the classroom.

Each page spread has a combined braille and print key paired with a print map in contrasting colors and a clear tactile overlay. The maps are held in a three-ring binder, so pages can easily be removed as needed. The page size is 11.5 x 11 inches, with some larger maps presented as foldouts.

Included Maps:

- North America
- Canada & the U.S.
  - Major Cities
  - Land Regions
  - Elevation
  - Climate
- Canada
  - Western Provinces
  - Eastern Provinces
- The United States (foldout)
- Northeastern United States
- U.S.
  - Rivers (foldout)
  - Economy (foldout)
  - Northwest (two pages)
  - Southwest (two pages)
  - Midwest and Great Plains (two pages)
  - South (two pages)
  - Middle Atlantic
  - Middle Atlantic Coast
  - Northeast
  - New England Coast
  - Alaska
  - Hawaii



Sample foldout maps from tactile/print atlas

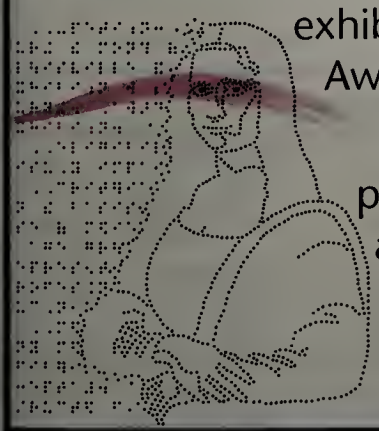
Recommended ages: 11 years and up.

U.S. & Canada Tactile/Print Atlas: **1-01920-00.....$122.00**

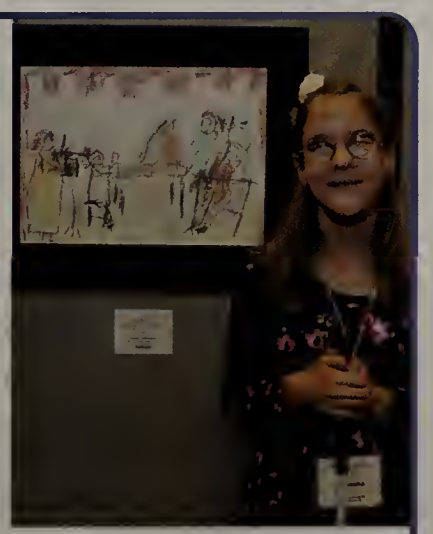
Get Creative, Enter APH InSights!

APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition exclusively for blind and visually impaired artists of all ages! Works are chosen for exhibition at APH's Annual Meeting and on our website. Award winners are selected in each of nine categories.



Submissions to APH InSights may include sculpture, pottery, weaving, photographs, prints, paintings, etc. Entries are judged by professionals from the field of the arts.



Please contact the APH Public Relations and Special Projects Manager, rwilliams@aph.org

APH has created a calendar featuring artwork from APH InSights, see pg. 180.

State Maps Collection

Each State Maps Collection is a set of embossed and printed outline maps for a region of the United States. Add to the images with tracing wheel lines, craft ink, glued-on textures, etc. Add braille labels as needed.

Three printed/embossed copies of each state are provided, as well as a regional map showing all the states in that collection. Also included is a set of print-only maps that can be copied or used as masters for "swell paper" tactile graphics.

State Maps Collections:

- Northeast Region: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia
- Southeast Region: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico and the U.S. Virgin Islands, South Carolina, Tennessee
- Central Region: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Texas, Wisconsin
- Western Region: Alaska, Arizona, California, Colorado, Hawaii/Guam, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

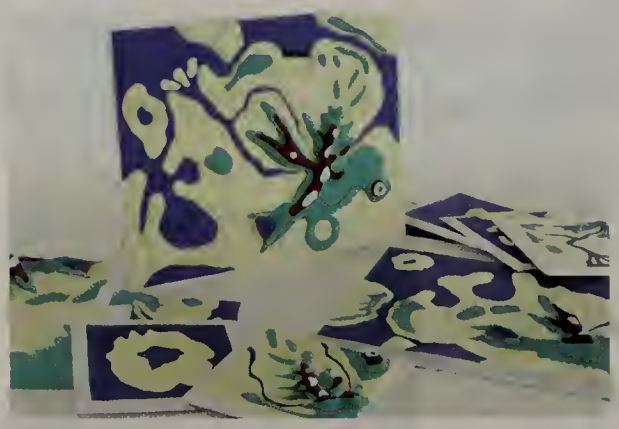
Northeast Region: 1-04110-00.....$36.00

Southeast Region: 1-04111-00.....$29.00

Central Region: 1-04112-00.....$37.00

Western Region: 1-04113-00.....$35.00

PARTS Recognizing Landforms: An Audio-Tutorial Program in Map Study



Program uses fun characters on cassette tape to introduce 40 geographical concepts, such as distinguishing mountains from valleys, channels from bays, etc.

Includes 10 brightly colored tactile landforms; six 2-track, 1 7/8 ips cassette tapes; and teacher's and program manuals in print.

Recommended ages: 6 years and up.

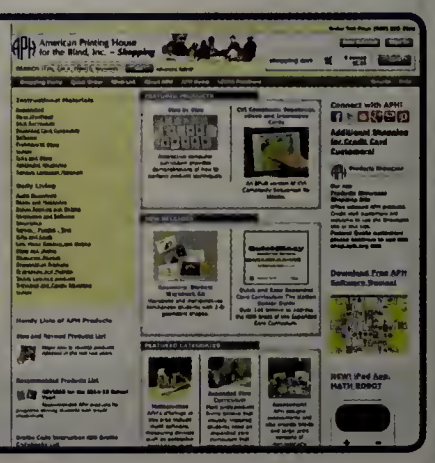
1-01110-00.....$150.00

Online Ordering for U.S. Customers:

http://shop.aph.org

Non-U.S. Customers can generate an electronic pro forma invoice automatically:

www.aph.org/products/proforma.html



Core Curriculum:

Fine Arts

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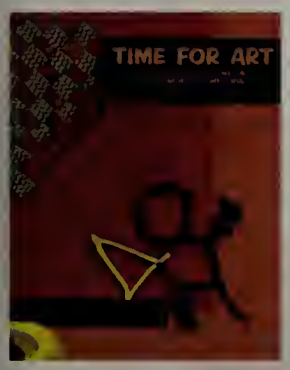


Time for Art: Projects and Lessons for Students with Visual Impairments

A handbook for teachers and parents that explains how to instruct visually impaired students in art, how to handle the media being explored, and points to consider in art program planning. Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.

***Time for Art* Regular Print/CD-ROM: 8-03800-00.....$16.00**

Paint Pot Palette: Creating Art Through Touch

Paint Pot Palette includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with the fingers and then follow with a crayon or paint brush – this makes it easier for beginning artists to learn to color and paint.

Paint Pot Palette, when used with Color SENSEation:

- Teaches color concepts
- Encourages visual & tactile exploration
- Teaches shape recognition
- Provides braille practice
- Develops fine motor skills
- Promotes individual expression
- Encourages social engagement

Enhance daily lessons by pairing core subjects with art. For example, use the Paint Pot Palette as a story starter or story prompt for a creative writing lesson.

Paint Pot Palette is a collaboration between PlayAbility Toys and APH. Replacement parts are available from PlayAbility Toys, **www.PlayAbilityToys.com**

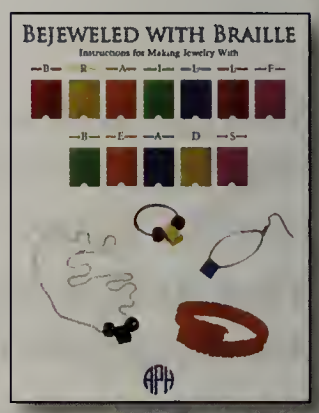
Paint Pot Palette Kit: 1-03933-00.....$51.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

New!

Braille Beads: APH Starter Kit

Braille Beads are small, plastic rectangles that have braille on one side and incised print letters on the other side. Each bead has two holes through which wire or cord may be threaded. Also included are fun image bead manipulative items, such as flower, heart, peace symbol, and circle.



Making jewelry teaches students to:

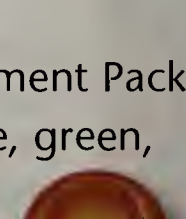
- Plan (a design or a word)
- Organize materials (wire, cord, needles, scissors)
- Sort (shape, size, color)
- Practice fine motor skills (stringing beads, tying knots)

Beading is an activity that children enjoy for arts and crafts, and an activity that adults enjoy for pleasure and employment. Braille Beads allow children who are visually impaired and blind to create personalized objects of art they can wear. They can take pride in their creations and just by wearing braille jewelry, children become ambassadors for braille!

Braille Beads measure: 10mm tall x 8mm wide x 5mm deep (braille height is 0.52mm)

Braille Beads Kit includes:

- Necklace, Bracelet, and Fob Assortment Pack
- Braille Beads Pack (red, yellow, blue, green, orange, pink, white, black)
- Pony Beads Pack (red, yellow, blue, green, orange, pink, white, black)
- Clear adhesive braille labels
- *Bejeweled With Braille: Instructions for Making Braille Jewelry*, Large Print, Braille, and CD-ROM



Pony Bead

Braille Bead *(enlarged to show detail)*

Recommended ages: 5 years and up.

Braille Beads: APH Starter Kit: 1-08879-00.....$195.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Braille Beads are available with Quota funds.

Replacement Items

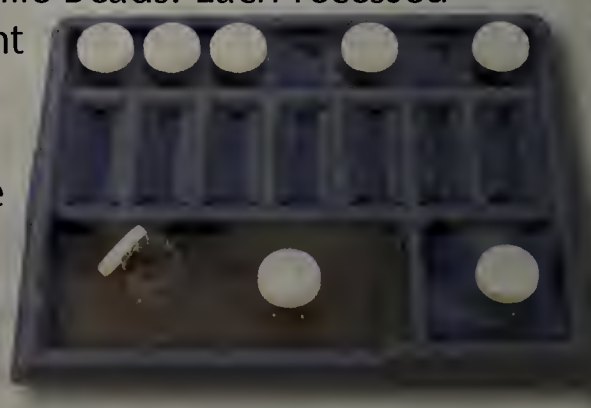
Findings Pack Kit (necklace, bracelet, and fob): 1-08887-00.....$31.00
Braille Beads Pack: 1-08888-00.....$143.00
Pony Beads Pack: 1-08889-00.....$21.00

Keychain

Optional Braille Beading Tray with Jars

APH offers the Braille Beading Tray with Jars as a separate product. The tray and jars keep the beads organized while beading. The tray holds up to seven jars of Braille Beads. Each recessed circle that holds a jar of Braille Beads has a fluted space directly in front of it to hold the same color Pony beads. The tray has a workspace for placing beads and experimenting with designs before stringing them onto a cord or wire. This workspace has a beading mat to prevent the Pony beads from rolling. A smaller space on the right holds jewelry findings or tools for cutting elastic or bending wires.

Braille Beading Tray with Jars: 1-08877-00.....$59.00



Beading Tray

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Business and Vocational Education

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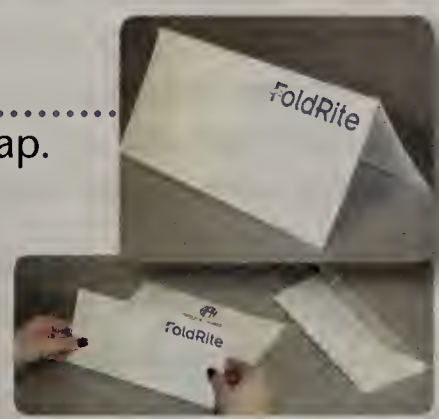
FoldRite: Letter Folding Tool



Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00.....$5.00

Prevocational Skills Development Materials

Designed for multihandicapped students, this kit and other materials suggested in the guidebook helps develop manipulative skills, such as matching, sorting, counting, assembling, and packaging.

Recommended ages: 10 years and up.

Prevocational Skills Kit: 1-08000-00.....$450.00

Replacement Items:

Paper-Folding Jig: 1-08010-00.....$38.00

Round & Square Containers with Screw Tops: 1-08020-00.....$148.00

Sorting/Assembly Tray (9.5x31.75x5.25 inches): 1-08030-00.....$98.00

Bolt, Nut, & Washer Board (6x14x7 inches): 1-08040-00.....$60.00

Bolt Practice Boards (ea.: 2.75x12x2 inches): 1-08050-00.....$89.00

***Prevocational Skills Development* Guidebook: 8-01300-00.....$17.00**

Note: The Sorting and Assembly tray can be used as a calendar box system. To learn more, read the article in *APH News* at:
http://www.aph.org/advisory/2004adv01.html

Core Curriculum:

Physical Education

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Everybody Plays! How Kids With Visual Impairments Play Sports

Everybody Plays! is a fun storybook written by Cindy Lou Aillaud and Lauren Lieberman that follows an elementary school-age child to a sports camp for children who have visual impairment, blindness, or deafblindness. Written at a 4th grade reading level, readers learn about sports and recreational physical activities that are enjoyed universally and about specific sports designed for persons with visual impairment and blindness.

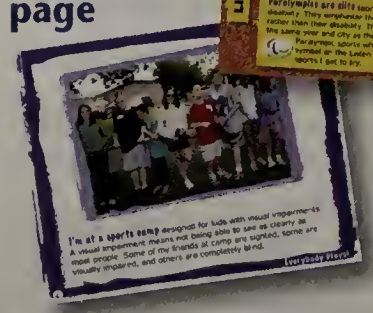
The young storyteller describes how sport modifications and equipment adaptations help the campers have a blast when they learn about sports and play with new friends and coaches. Young readers learn about Paralympic sports and are encouraged to identify the Paralympic sports that the storyteller experiences while at camp.

Each sport and recreational activity has a Listen Up! page that introduces the sports novice to each sport or activity. If a reader does not need the detailed explanation of a particular activity, the print, braille, and electronic books are designed so the Listen Up! pages can be skipped.

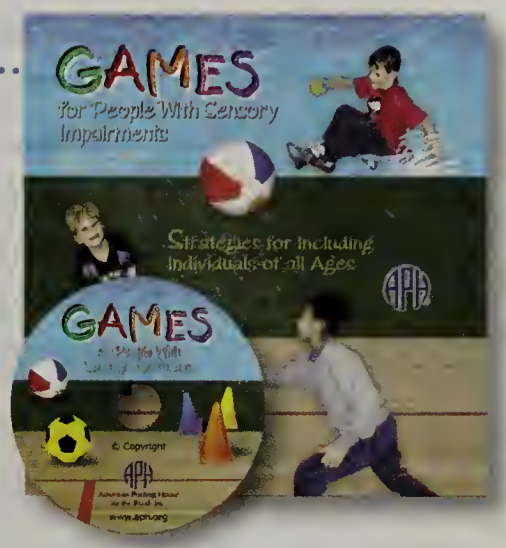
Everybody Plays!
Large Print/CD: 7-13095-00.....$62.00
Braille/CD: 5-13095-00.....$29.00

Listen Up! foldout page

Storybook page



GAMES for People with Sensory Impairments



Physical education teachers and activity/recreation directors find *GAMES for People With Sensory Impairments: Strategies for Including Individuals of all Ages* to be practical, relevant, and realistic. Adapted Physical Education (APE) professors find it to be a valuable tool when teaching future APE teachers. For novices, this publication provides a wealth of information on what to do, how to do it, and why. The authors, Lauren Lieberman and James Cowart, draw on their extensive experience in teaching students of all ages who have visual impairments, blindness, deafblindness, and multiple disabilities.

The book's Game Finder helps teachers locate games and activities that are appropriate for their students. The Game Finder Key identifies each game by name, category, sport skill, physical and motor fitness, and fundamental motor patterns and skills. The games and activities included in the book are creative innovations submitted by 15 outstanding teachers, coaches, and leaders who work in schools or programs for students who have sensory impairments.

The binder allows game pages to be removed for easy use in the gym, on the field, or pool side. The game pages are printed on heavier paper stock to accommodate frequent handling. Both the large print and braille versions contain a CD-ROM with an .html file.

GAMES for People With Sensory Impairments:
Large Print/CD-ROM: 7-08609-00.....$60.00
Braille/CD-ROM: 5-08609-00.....$60.00

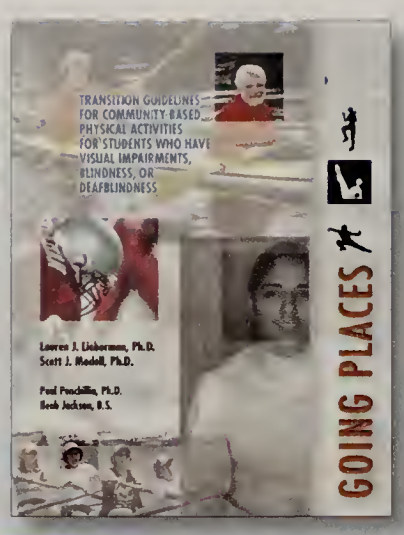
FREE Downloadable Manuals For Selected APH Products

Selected APH products have manuals available for free-of-charge download. You are allowed to print or emboss these manuals as needed.

Look for the yellow & black book download icon throughout this catalog to identify manuals available for download. Future manuals added to our download web page will be announced in the *APH News*.

APH will continue to package hard copies of these manuals with their products and sell hard copy replacements. We do not keep these manuals in stock, but make them on demand as orders are placed for them; therefore, please allow several weeks for delivery.

Please visit our downloadable manuals page at:
www.aph.org/manuals/index.html



Going Places: Transition Guidelines for Community-Based Physical Activities for Students who have Visual Impairments, Blindness, or Deafblindness

Going Places is a resource guide for teens and young adults that promotes independent physical activity. It outlines a step-by-step process for choosing and participating in sports and other physical activities outside of the school arena. Includes worksheets for choosing and activity.

Going Places:

Large Print/CD: 7-13090-01.....$91.00
Braille/CD: 5-13090-00.....$70.00

Replacement Item: Braille Worksheet Packet: 5-13091-00.....$25.00

Portable Sound Source 2003

The Portable Sound source 2003 from APH produces continuous sounds, allowing for the option to create slurring effects by slowly or quickly turning the knobs. Powered by 4 C-cells *(not included)*. Recommended for all ages.

Portable Sound Source 2003 with Large Print Guidebook: 1-03040-02.....$222.00

Optional Item:
Sound Localization Guidebook, **Braille: 5-03045-00.....$34.00**

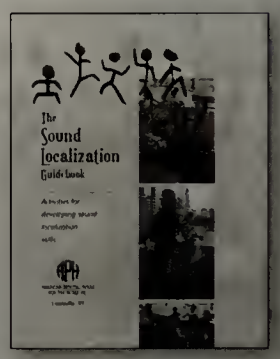
Replacement Item:
Sound Localization Guidebook, **Large Print: 7-03045-00.....$28.00**

Portable Sound Source, Sport Edition

This lightweight sound source comes with a remote control and carrying strap. The carrying strap can be used as a belt for hiking or a game of Follow the Leader. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports. Example uses: identifying home base, a safety zone, or a basketball goal.

Receiver uses 5 AA batteries *(not included)*, remote transmitter uses a 23A 12-Volt battery *(included)*, rate of tone is variable from 36 to 360 pulses/minute, and pitch is variable stepped increments from 600 to 1200 hertz.

Recommended ages: 6 years and up.



The Sound Localization Guidebook provides teachers of young learners who are visually impaired with specific activities that may be used to develop sound localization skills. Group games are presented to practice those skills. Braille version is sold separately.

Portable Sound Source, Sport Edition with Large Print *Sound Localization Guidebook*, Carrying Strap, and Remote Control: 1-03045-00.....$246.00

Optional Item:
Sound Localization Guidebook, **Braille: 5-03045-00.....$31.00**

Replacement Items:
Sound Localization Guidebook, **LP: 7-03045-00.....$28.00**
Remote Control (for Sport Edition): 1-03045-01.....$47.00

PARTS Walk/Run for Fitness Kit

This kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Two included talking pedometers encourage family and peer participation. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

Complete Kit: 1-07520-00.....$153.00

Replacement Item:

Guidebooks:

- **Large Print: 7-07520-00.....$20.00**
- **Braille: 5-07520-00.....$20.00**

30-Love Tennis Kit

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization.

Includes:

- 2 blindfolds and 2 rackets
- Set of 6 sound-adapted tennis balls
- *30-Love: Tennis Guidelines...*, Large Print and Braille editions

30-Love Tennis Kit: 1-08110-00.....$145.00

Replacement Item:

Sound Adapted Tennis Ball: 61-145-087.....$16.10/ea.

Watch videos of tennis on: **http://www.aph.org/pe/30_love.html**

Jump Rope to Fitness Kit

Improve your cardiovascular health: 10 minutes of jumping rope can be as effective as 30 minutes of jogging! The APH Jump Rope to Fitness Kit provides blind and visually impaired individuals the tools to jump rope independently, learn specific skills, and set goals.

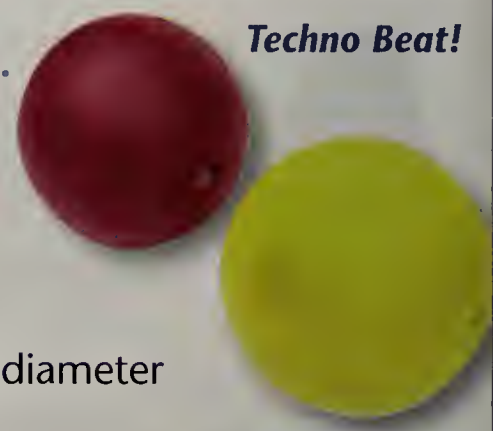
Includes:

- Plastic cord jump rope
- Short beaded jump rope
- Medium beaded jump rope
- Long beaded jump rope
- Jump Snap™ talking-ropeless jump rope
- Orientation anti-shock mat
- *Jump Rope to Fitness Guidebook*, Large Print and Braille editions

Recommended ages: 9 years and up.

Jump Rope to Fitness Kit: 1-07521-00.....$133.00

APH Sound Balls



Techno Beat!

Boing Boing!

Features:

- Dual Speakers and volume
- Two colors with two distinct sounds
- Two-tone sound
- Recharger stylus (light emitting)
- Non-toxic/latex-free materials
- High bounce
- Rolls true
- Durable
- 7 1/2 inches in diameter

APH Sound Ball:
Boing Boing (Yellow): 1-07510-00.....$116.00
Techno Beat (Red): 1-07516-00.....$116.00

Replacement: Power Supply, Sound Balls: 61-190-021.....$39.45

Rib-It-Balls

These fun balls are easy to grab and have high contrast ribbing. "Crinkly" fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in three sizes.

Note: *Not designed to be used as a therapy ball. Excessive weight should not be placed upon it.*

Jacob's Rib-It-Ball
14 inch: 1-07513-00.....$25.00
18 inch: 1-07514-00.....$42.00
30 inch w/Pump: 1-07515-00.....$69.00

These balls ARE available with Quota funds.

Replacement Items:
14 inch Replacement Bladder: 1-07513-01.....$3.50
18 inch Replacement Bladder: 1-07514-01.....$7.00
30 inch Replacement Bladder: 1-07515-01.....$20.00

The 30-inch Jacob's Rib-It-Ball includes a foot pump for easier inflation.

Mini Rib-It-Ball

This 7 inch plush ball provides opportunities for multisensory learning. It contains a bell (auditory), bright colors (visual), and a pull tab/teething ring for vibration (tactual proprioception).

Mini Rib-It-Ball: 1-07512-00.....$15.00

Not available with Quota funds.

Get in the Game!

Physical Education Resources at **www.aph.org**

Find great information on fun ways to get kids moving at **www.aph.org/pe/**

Expanded Core Curriculum:

Communication Modes and Literacy Education

Communication Modes

Communication needs will vary, depending on the degree of functional vision, the effects of additional disabilities, and the task to be done. Children may communicate through braille, large print, print with the use of optical devices, regular print, tactile symbols, a calendar system, sign language, recorded materials, or combinations of these means.

This section includes products that allow students to access the existing core curriculum.

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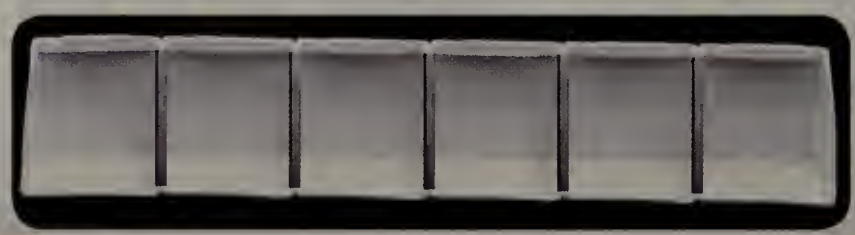
PARTS Expandable Calendar Boxes

Expandable Calendar Boxes help students who lack a formal means of communication and literacy. They are closed-cell foam boxes that can be used singularly as an anticipation box or in a grouping of two or more as calendar boxes. These boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

Includes:

- Six boxes *(black or white)*
- Six label/curtain u-channels
- Five connector u-channels
- Instruction Guide
- Guidebook



Expandable Calendar Boxes:
White: 1-08651-00.....$134.00
Black: 1-08652-00.....$133.00

SAM: Symbols and Meaning

A kit for students with visual and multiple impairments and pre-k children with visual impairments who are just beginning to use symbols—the late sensorimotor, early preoperational stage of cognitive development.

The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

SAM: Symbols and Meaning: 1-08854-00.....$379.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Item:
SAM: Guidebook/Assessment and Games Book, Print: 7-08854-00.....$76.00

Examples of games

Read the story.

Slap the shoe.

APH Intervention Continuum

APH recommends that learners use the following three products sequentially:

1. Sensory Learning Kit, **pg. 26**
2. SAM: Symbols and Meaning, **pg. 81**
3. Tactile Connections: Symbols for Communication, **pg. 81**

Tactile Connections: Symbols for Communication

This kit helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy.

Recommended ages: 5 years and up.

Tactile Connections, Complete Kit: 1-08837-00.....$149.50

Optional Items:
Guidebook
Braille: 5-08837-00.....$28.00
Spanish: 7-08837-SP.....$37.00

Replacement Items:
LP Guidebook w/CD-ROM: 7-08837-00.....$37.00
Accessories with Caulk: 1-08837-01.....$32.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Card Packs (15 cards per pack):

Black: 1-08837-02.....$11.50
Blue: 1-08837-03.....$11.50
Gray: 1-08837-04.....$11.50
Green: 1-08837-05.....$11.50
Red: 1-08837-06.....$11.50
White: 1-08837-07.....$11.50
Yellow: 1-08837-08.....$11.50

STACS: Standardized Tactile Augmentative Communication Symbols Kit

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. **STACS: Standardized Tactile Augmentative Communication Symbols Kit** helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary. Teachers then introduce additional individualized symbols as needed. The STACS instruction manual and included online videos show how to implement symbols effectively as a part of the learner's communication system.

STACS includes

- 25 tactile symbol cards (basic vocabulary)
- Two blank cards for making individual tactile symbol cards for learners
- Print Guidebook with accessible CD-ROM
- Three online training videos
- Electronic (online) assessment forms

Recommended ages: all ages.

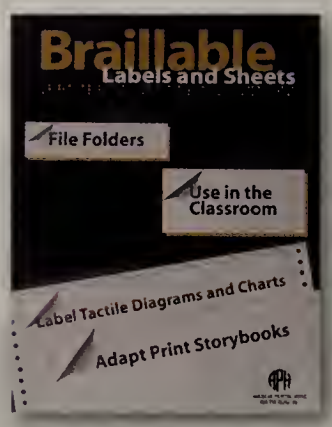
Tangible symbols are appropriate for use as a receptive form of communication with any learner who is deafblind and as an expressive form of communication for learners who have a predictable motor, behavioral, or communicative response that the communication partner can interpret.

STACS Kit: 1-08815-00.....$668.00

Replacement Item: STACS Guidebook, Print: 7-08815-00.....$23.00

Optional Item: STACS Guidebook, Braille: 5-08815-00.....$16.00

Note: Large Print guidebook is included. Braille guidebook available separately.



Braillable Labels and Sheets

These clear, blank self-adhesive labels can be brailled and used on items around the home, school, and office.

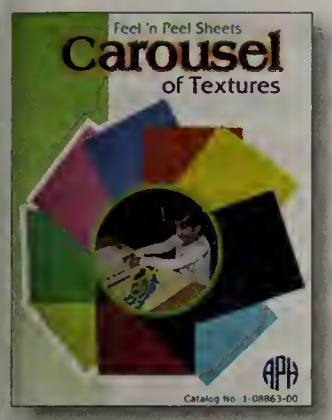
The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for brailling and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

Assorted Label Pack (5 Large, 5 Small, 10 Full-Size, & 30 Pin-Fed Sheets): 1-08871-00.....$47.00

Small Label Pack (3.875 x 0.95) 10 Sheets, 18 Labels per Sheet: 1-08872-00.....$13.00

Large Label Pack (3.875 x 1.75) 10 Sheets, 10 Labels per Sheet: 1-08873-00.....$13.00

Braillable Label Sheets:
8 1/2 x 11, full-size, 15 Sheets: 1-08874-00.....$17.00
8 1/2 x 11, pin-fed, 30 Continuous Sheets: 1-08875-00.....$38.00



Feel 'n Peel Sheets: Carousel of Textures

Multi-use tactile sheets are printed and embossed on clear, durable plastic.

Includes

- Translucent "Rough" and "Bumpy" Vinyl Sheets *(non-adhesive backed)*
- Corrugated Sheets *(non-adhesive backed)*
- Craft Foam Sheets *(adhesive backed)*
- Foam Glitter Sheets *(non-adhesive backed)*
- Velour and Vivelle® Sheets *(adhesive backed)*
- Double-Backed Adhesive Sheets *(apply to back of non-adhesive backed sheets)*
- Sticky Dots Adhesive
- Storage/Carrying Box
- *Suggested Uses* Sheet, Large Print and Braille

Recommended ages: Preschool and up.

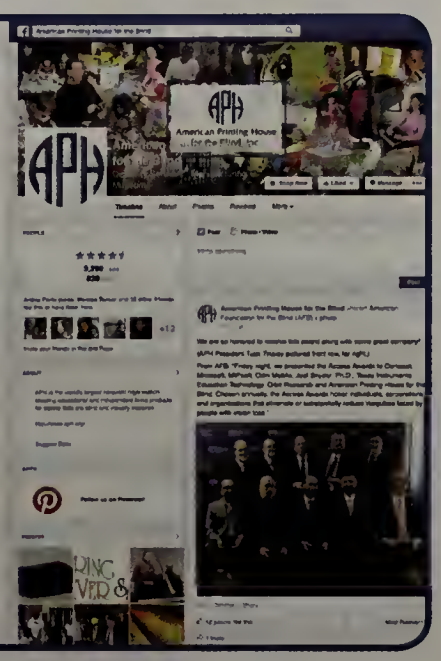
Feel 'n Peel Sheets: Carousel of Textures: 1-08863-00.....$87.00

Replacement Item: Sticky Dots Adhesive: 1-08452-00.....$9.00

Note: The textured sheets included in Carousel of Textures are not intended for thermoforming purposes.

***WARNING: Choking Hazard**—Small Parts (if cut from full size sheets). Not intended for children ages 5 and under without adult supervision.*

Find APH on these social media sites!



Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100

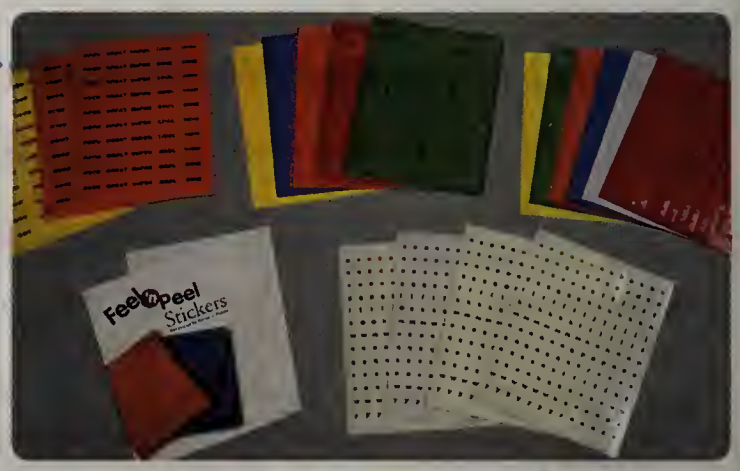
These multi-use tactile stickers are printed and embossed on clear, durable plastic. Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100 are intended for the creation and adaptation of science and math related materials.

Recommended ages: Preschool and up.

Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100: 1-08876-00.....$24.00

> ⚠ ***WARNING: Choking Hazard**—Small Parts.*
> *Not intended for children ages 5 and under without adult supervision.*

Feel 'n Peel Stickers



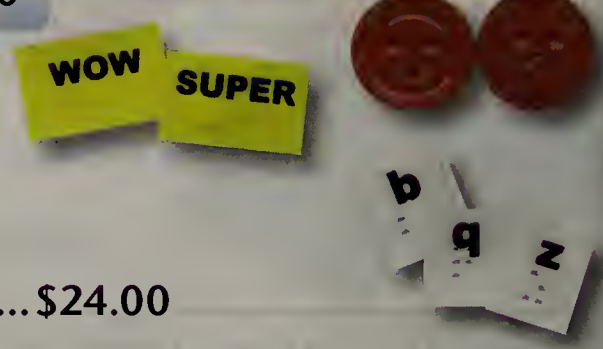
Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Colors of stickers may vary from those depicted in photographs.

Note: *Although similar in design, the assortment of stickers included in Feel 'n Peel Stickers I and Feel 'n Peel Stickers II are very different from each other.*

Recommended ages: 3 years and up.

Assorted Stickers Kit (over 2,300 stickers): 1-08843-00.....$77.00



Replacement Items:

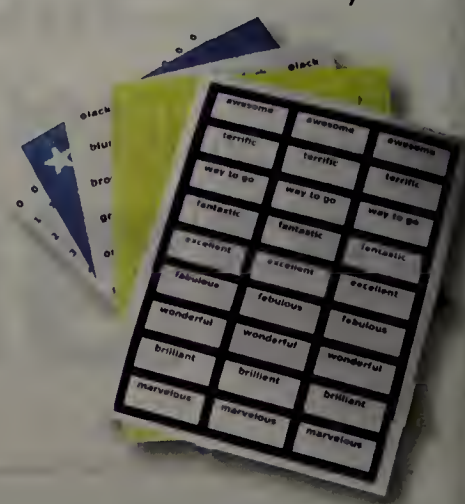
Point Symbol (over 1,200 stickers): 1-08846-00.....$24.00
Smiley/Frowny Face (over 200 stickers): 1-08847-00.....$24.00
Reward Statements (200 stickers): 1-08848-00.....$24.00
Braille/Print Alphabet Letters (over 600 stickers): 1-08849-00.....$24.00

> ⚠ **Feel 'n Peel Stickers I and II:** ***WARNING: Choking Hazard**—Small Parts.*
> *Not intended for children ages 5 and under without adult supervision.*

Feel 'n Peel Stickers II

The Feel 'n Peel Stickers II Assortment (five types of stickers and two white-coated magnetic sheets) is printed and/or embossed on the same type of colorful material used for Feel 'n Peel Stickers I, but provides completely different stickers.

Assorted Stickers II Kit (over 2,300 stickers): 1-08864-00.....$96.00



Replacement Items:

Numbers (over 650 stickers): 1-08865-00.....$24.00
Rewards Statements II (over 100 stickers): 1-08866-00.....$24.00
Stars (over 300 stickers): 1-08867-00.....$24.00
Point Symbols II (over 1,200 stickers): 1-08868-00.....$24.00
Color Names (over 100 stickers): 1-08869-00.....$24.00

Tactile Graphics Starter Kit

For those who have little experience in making tactile graphics. Ideal if you need only a limited number of graphics. Use to create maps, graphs, illustrations, and more.

Tactile Graphics Starter Kit: 1-08839-00.....$60.00

All the materials needed for creating simple tactile graphics.

Replacement Item:

Manual for Tactile Graphics Starter Kit only (regular print): 8-08839-00.....$16.00

PARTS Tactile Graphics Kit

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

Tactile Graphics Kit: 1-08851-00.....$266.00

Replacement Items:

Line-Drawing Tool Kit (set of 3 tools): 1-08851-01.....$66.00

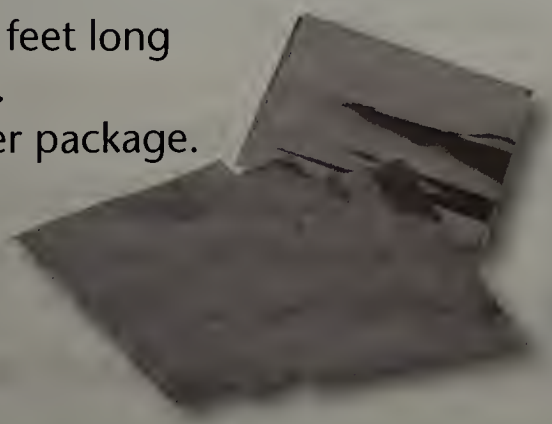
***Tactile Graphics Guidebook* Large Print/ CD-ROM Edition: 7-08851-00.....$25.00**

Line-Drawing Tool Kit

Aluminum Diagramming Foil for Use with Tactile Graphics Kit

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Available in rolls or sheets. Roll is 11 inches wide and approximately 75 feet long (you get less than you did with the old roll). Sheets measure 11 x 11 inches. 30 sheets per package.

Aluminum Diagramming Foil:
Sheets: 1-04090-00.....$27.00
It's Back!
Roll: 1-04121-00.....$76.00



Choose aluminum diagramming foil in rolls or sheets for producing tactile graphic masters.

PARTS Crafty Graphics: Stencil Embossing Kit

Contains stencils, embossing tools, and other items needed to create tactile graphics by dry pressure embossing. Supply your own light source to place underneath sheets to be embossed (e.g., APH's Mini-Lite Box or natural light).

Crafty Graphics Kit: 1-08844-00.....$137.00

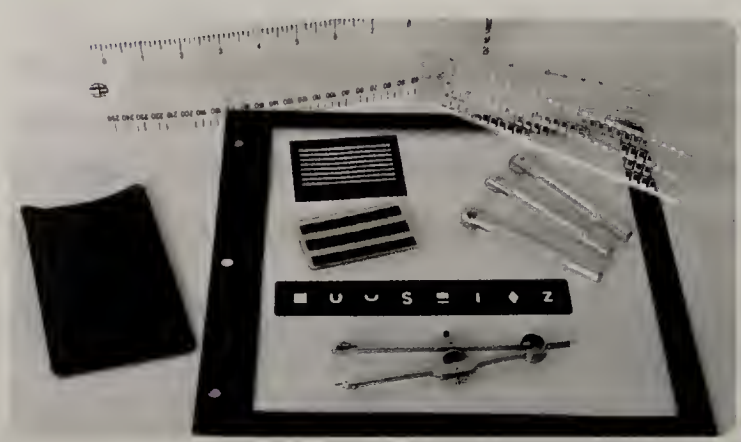
Optional: Guidebook, Braille: 5-08844-00.....$20.00

Replacement Items:

Guidebook, CD-ROM Disc: D-08844-00.....$9.00

Additional Bold Line Graph Paper, 8 1/2 x 11 with 1/4 inch grid: 1-04062-00.....$14.00

Guidebook: Large Print: 7-08844-00.....$20.00



Crafty Graphics II

This kit provides supplemental tools to be used with the original Crafty Graphics kit.

Crafty Graphics II Kit: 1-08852-00.....$71.00

Optional Items:

Additional Bold Line Graph Paper, 8 1/2 x 11, 1/4 inch grid: 1-04062-00.....$14.00

Guidebook, Braille: 5-08844-00.....$20.00

Replacement Items:

Clear Plastic Pocket Braille Slate/Stylus: 1-00078-00.....$8.00

Three Spur Wheels and One Compass with Spur Wheel: 1-08852-01.....$21.00

Crafty Graphics: Stencil Embossing Kit Homegrown Video

This DVD, produced in the nuts-and-bolts style of APH's *Homegrown Video Series*, demonstrates a variety of uses for the Crafty Graphics Stencil Embossing Kit, as well as briefly exploring some tactile graphic concepts.

Runs approximately 17 minutes. Closed Captioned.

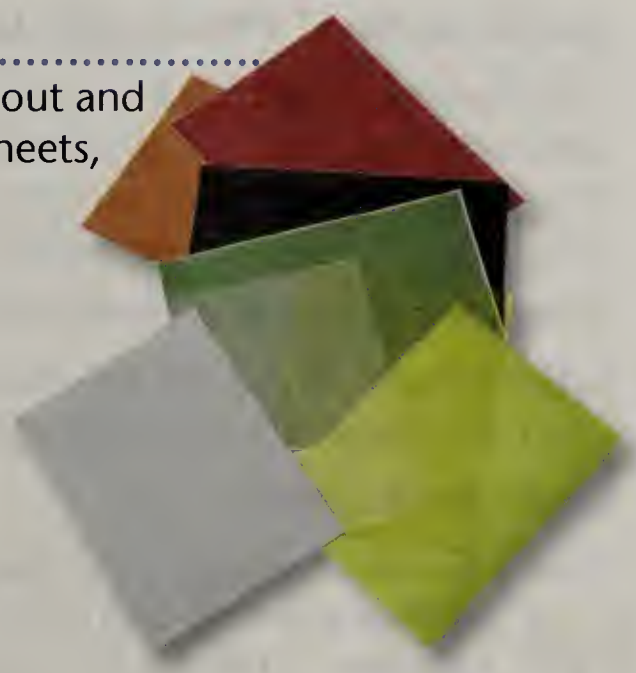
***Crafty Graphics Stencil Embossing Kit* Video: 1-30013-DVD.....$3.00**

Graphic Art Tape

Includes three different widths of black, crepe-finish tape, 1/4, 1/8, and 1/16 inches in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

Graphic Art Tape: 1-08878-00.....$36.00

Textured Paper Collection



This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

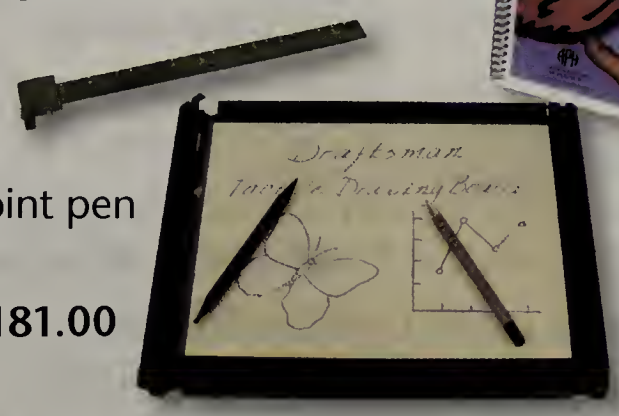
Kit includes:

- Blue and neon green embossed paper (2 sheets each)
- Yellow and clear vinyl (1 sheet each)
- Red, orange, green, and black Tactile Colours® (1 sheet each)
- Double-sided adhesive (7 sheets)

Textured Paper Collection: 1-03275-00.....$36.00

PARTS DRAFTSMAN Tactile Drawing Board

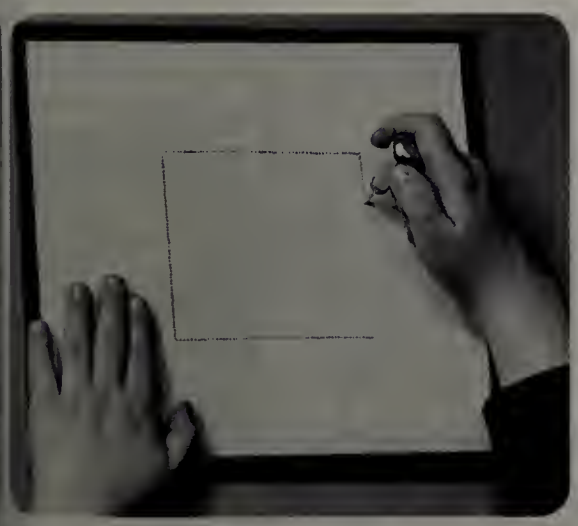
A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. Intended for a wide audience, such as students, teachers, parents, and adults who are blind, the DRAFTSMAN can be used for all kinds of activities.



This board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board and use the included stylus or a ballpoint pen to quickly draw a raised image.

DRAFTSMAN Tactile Drawing Board: 1-08857-00.....$181.00

Replacement Item:
Additional Tactile Drawing Film (25 sheets): 1-08858-00.....$6.00



Swail Dot Inverter

Construct simple diagrams, graphs, maps, etc. by embossing a series of single dots. Braille paper *(sold separately)* is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon® plastic braille paper **(pg. 116)**, also available in multiple sizes from American Thermoform, **www.americanthermoform.com**

Recommended ages: 5 years and up.

1-03610-00.....$45.00
Replacement Item: Rubber Pad: 1-03620-00.....$11.00

IntelliTactiles™ Pre-Braille Concepts, Classroom Suite Edition

IntelliTactiles Pre-Braille Concepts Classroom Suite Edition includes seven tactile overlays that can be used with the commercially available IntelliKeys® USB keyboard, or as stand-alone "worksheets," to develop young children's tactile discrimination skills, shape recognition ability, and understanding of many spatial/positional concepts.

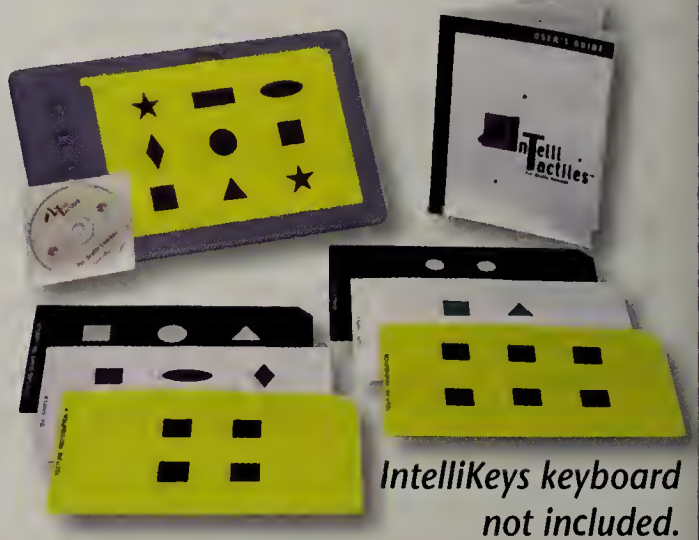
Recommended ages: 5 to 10 years

IntelliTactiles Pre-Braille Concepts (includes User's Guides in both large print and braille): 1-08516-01.....$132.00

Replacement Item:

User's Guide:

Large Print: 7-08516-01.....$15.00
Braille: 5-08516-01.....$18.00



IntelliKeys keyboard not included.

IntelliTactiles™ Overlay Companions

The IntelliKeys® USB keyboard from IntelliTools® provides auditory feedback for overlays placed on its touch-sensitive surface. IntelliTactiles Overlay Companions align with the IntelliKeys keyboard's visual overlays, making them accessible to braille readers. Each individual durable clear-plastic tactile overlay corresponds with a visual overlay.

IMPORTANT: Please check your keyboard before ordering. Overlay Companions for the IntelliKeys USB keyboard is not interchangeable.

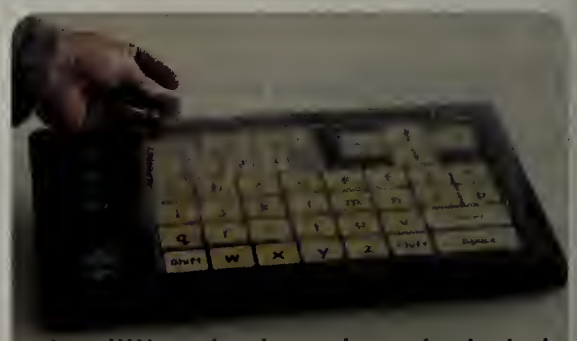
Note: The IntelliKeys keyboards, related software, and standard visual overlays are available exclusively from IntelliTools. Call **1-800-899-6687** or visit **www.intellitools.com**

IntelliTactiles USB Overlay Companions Kit for the IntelliKeys USB keyboard (includes User's Guides in large print and braille): **1-08513-00.....$55.00**

Replacement Item:

User's Guide:

Large Print: 7-08513-00.....$15.00
Braille: 5-08513-00.....$15.00



IntelliKeys keyboard not included.

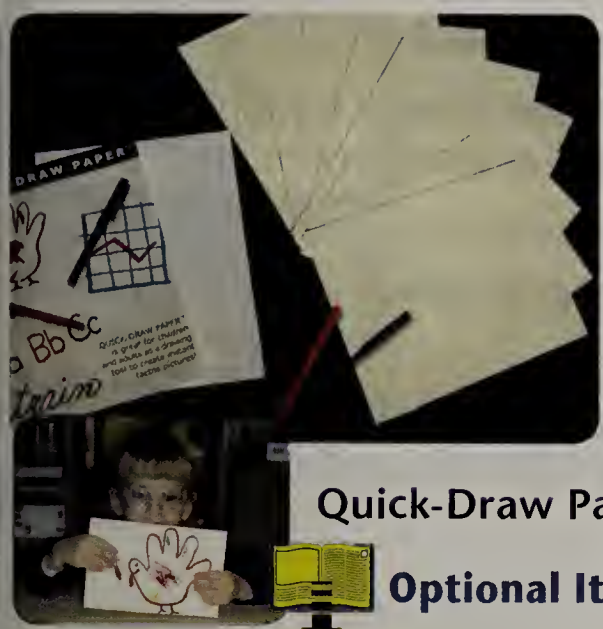
Discovering the Magic of Reading: "Elizabeth's Story"

Video and booklet explore ways that parents and teachers of children with visual impairment can make reading aloud an enjoyable learning experience. Provides a compelling account of the value of reading to young children.

Recommended ages: birth to 5 years.

24-minute video and booklet: 1-30002-DVD.....$25.00

Additional Booklets only (10-pk.): 7-30002-00.....$32.00



Quick-Draw™ Paper

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities.

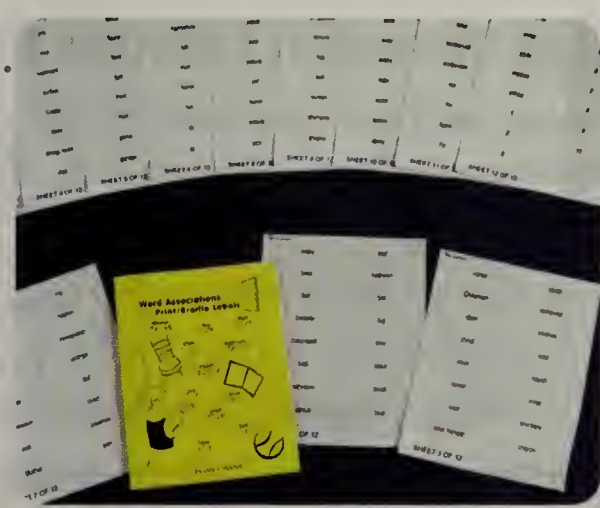
Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes 10 sheets of 8 1/2 x 11 inch Quick-Draw Paper, instructions in large print, and two water-based markers.

Recommended ages: 4 years and up.

Quick-Draw Paper: 1-04960-00.....$33.00

Optional Item: ***Suggested Uses*****, Braille: 5-04960-00.....$9.00**

Word Associations Print/Braille Labels



Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words.

For example, the large print/braille label "chair" can be placed on a chair to associate the word with the object. Includes 91 labels and a manual in either large print or braille.

Recommended ages: 3 years and up.

Sample usage of labels

(ball & bell not included)

Word Associations Print/Braille Labels:
with Large Print Manual: 8-39050-00.....$39.00
with Braille Manual: 6-39050-00.....$39.00

Replacement Items:
Labels only: 6-39052-00.....$22.00
Large Print Manual only: 8-39051-00.....$17.00
Braille Manual only: 6-39051-00.....$17.00

Make Braille Practice Fun!

Pg. 95 – ***Fun with Braille:*** Entertaining activities designed to provide practice for adults and children who are already familiar with the braille contractions.

Pg. 96 – **Quick Pick Braille Contractions:** A fun way to learn a cross-section of braille contractions.

Pg. 96 – **Braille Contraction Cards:** Cards in large print, uncontracted braille, and contracted braille.

Pg. 35 – **Expanded Dolch Word Cards:** Consists of sight words and picture words in a combination of contracted and uncontracted braille, large print, and illustrations.

Individual Calendar Kit

Students can experience the fun and challenge of creating their own calendars. Calendars are inexpensive and consumable.

Includes:

- Twelve brightly colored embossed/bold line grid sheets, one for each month.
- Paper labels showing the month, days of the week, and days of the month. Labels are marked in large print and in braille.

Recommended ages: 4 to 10 years.

1-18971-00.....$18.00

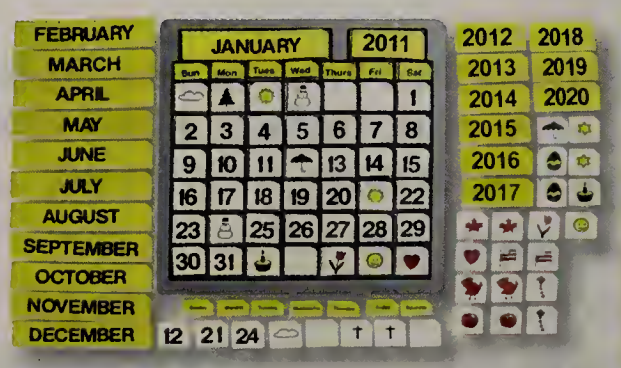
PARTS Classroom Calendar Kit

Large wall calendar for the classroom. Introduce sighted and blind children to such concepts as measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals.

- Month grid, with raised grid lines
- High-contrast, large print/braille labels with an orientation corner cut
- Brightly colored and embossed holiday and weather symbols
- Plastic labels for the year, month, and days of the week and labels with numerals 1-31
- Instructions in large print and on CD

Recommended ages: 4 to 10 years.

Classroom Calendar Kit:
English: 1-18970-00.....$90.00
Spanish: 1-18973-00.....$91.00



Card Chart Kit

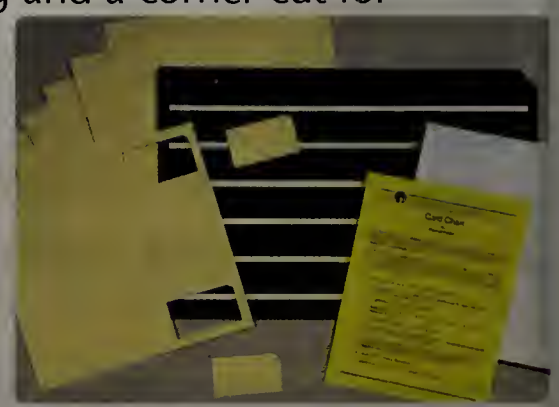
Holds up to thirty 3 1/2 x 2 inch braille/print cards sold by APH in a variety of products.

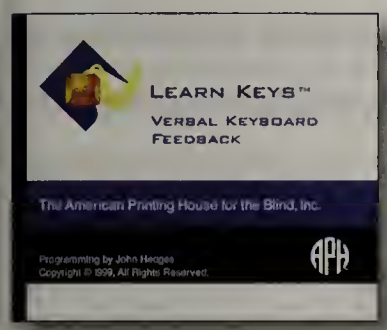
Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging and a corner cut for orientation. Up to five cards can be inserted into each of six high contrast slots. Includes 90 blank cards you can mark.

Recommended for all ages.

Card Chart Kit: 1-03550-00.....$31.00

Replacement Item:
Blank Cards (90 cards): 1-03540-00.....$5.00





Learn Keys™: Verbal Keyboard Feedback Software

A PC keyboard exploration and announcement program that gives you human speech feedback.

Requires a PC running Windows® 98 or later.

Note: *Learn Keys is not a screen reader – it speaks keystrokes.*

Learn Keys:
CD-ROM: D-03410-00.....$14.95
Digital Download: D-03410-ED.....$14.95

Find detailed software purchasing instructions in the "How to Order" section, **pg. 209**. Download APH Software Demos: **http://tech.aph.org/**

Talking Typer™ for Windows® Software

A computer keyboard and typing training software that speaks and displays lessons on screen. Includes drills, practice, and typing games and is adjustable to the student's level of skill and sight impairment.

New!
- **Talking Typer Multiple Licenses** purchase licenses for multiple users.

Recommended ages: 6 years and up.

Requires a PC running Windows® 98 or later.

Talking Typer for Windows:
CD-ROM: D-03430-01.....$89.00
Digital Download: D-03430-ED.....$79.00
Digital Download, Multiple Licenses:
25-49 Licenses: D-03430-ED1.....$69/machine
50-74 Licenses: D-03430-ED2.....$63/machine
75-99 Licenses: D-03430-ED3.....$55/machine
100+ Licenses: D-03430-ED4.....$47/machine

To purchase multiple licenses:

- Place your order using a credit card, purchase order, or Federal Quota order. Please specify the exact number of licenses needed and a registration name that APH will use to assign a key code to your licenses.
- Download the demonstration version of the software from our website: **http://tech.aph.org**
- Once your order has been processed, use both the registration name that you specified and the key code to transform the demo copy into a full copy of the software.
- Your receipt from the transaction is your license to place the software on the appropriate number of computers, up to the maximum number of machines that you specified.

Listen and Think

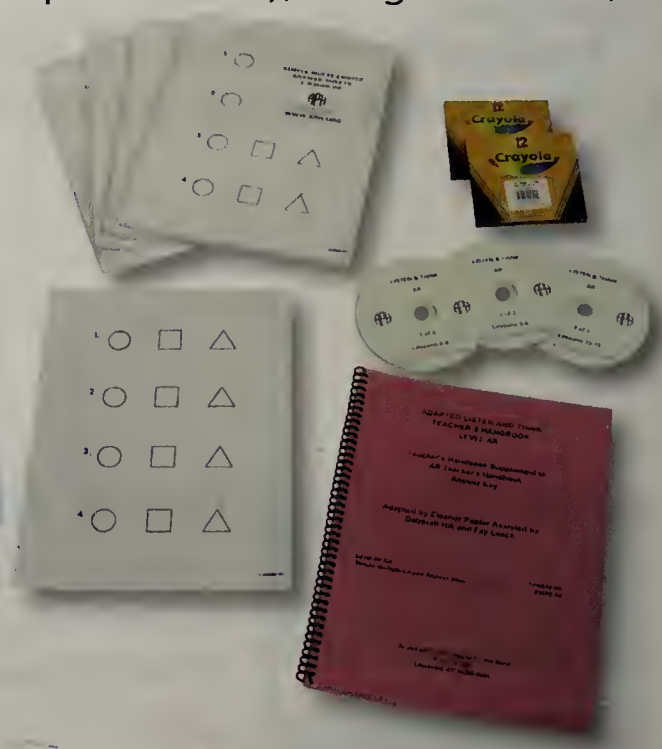
Develop and improve listening comprehension and thinking skills with the three levels of this lesson series.

Listen and Think Auditory Readiness (AR) Level:

Covers basic listening skills such as understanding placement (e.g., up and down), using the senses, comparing, and classifying.

AR Level Includes:

- Introduction and lessons on CDs
- 250 Simple Multiple-Choice Answer Sheets *(also available separately)*
- Teacher's handbook, regular print
- Eight plastic crayons



Recommended ages: 5 to 7 years.

Listen and Think (AR) Level CD-ROM: 1-08510-01.....$71.00

Replacement Item:

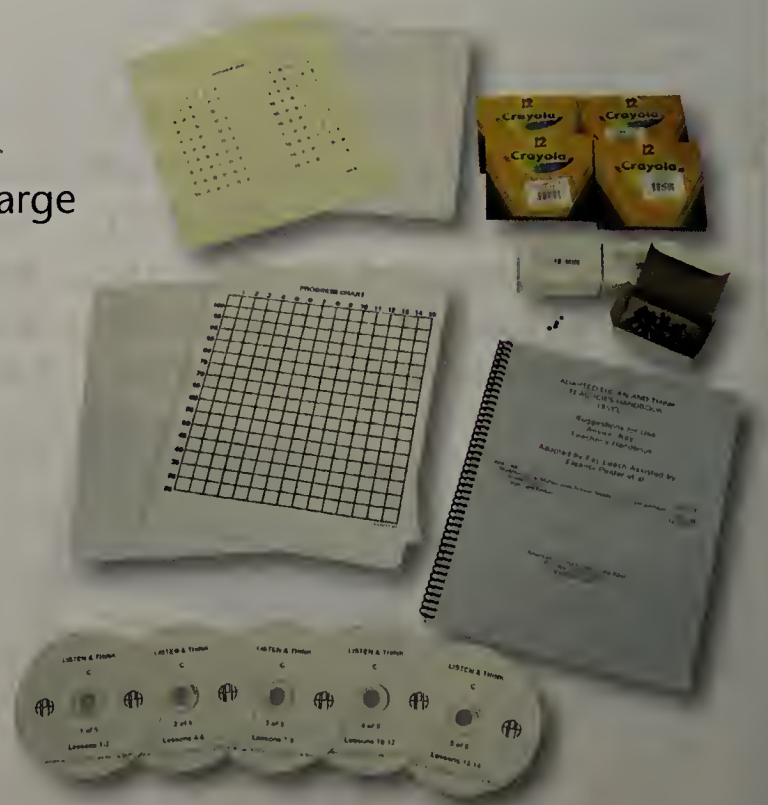
Simple Multiple-Choice Answer Sheets, print/braille (50-pk.): 1-03680-00.....$9.00

Listen and Think Levels B and C:

Advanced levels introduce such concepts as main ideas, summarizing, outlining, and comparing.

Level B and C Includes:

- Introductory materials and lessons on CDs
- 250 each of braille and large print Multiple-Choice, Multipurpose Answer Sheets *(also available separately)*
- 48 plastic crayons and 300 marking pins
- 50 each of braille and large print Progress Charts
- Teacher's handbook, regular print



Recommended ages: 7 to 8 years for Level B; 8 to 9 years for Level C.

Listen and Think:
Level B CD-ROM: 1-03890-01.....$105.00
Level C CD-ROM: 1-03910-01.....$107.00

Replacement Items:
Multiple-Choice, Multipurpose Answer Sheets, (50-pk.):
Large Print: 1-04072-00.....$8.00
Braille: 1-04051-00.....$5.50

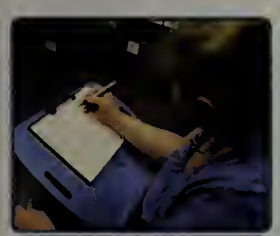
ReadWrite Stand

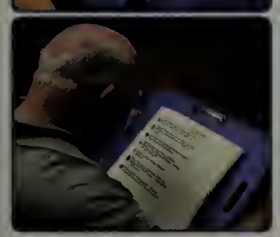
Students and adults with visual impairments can use this stand for both reading and writing tasks.

Stand measures 18 x 14 1/8 inches and can be positioned in four distinct angles – 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs. and has two built-in handles for portability. It features a low-profile clip that secures reading/writing materials (e.g., worksheets) to the stand during use.

An LED book light is provided and can be positioned by the user along the upper edge of the reading stand.

To position the ReadWrite Stand, first pull back the uppermost bracket with metal hinges (toward the user). Without releasing, lift up the desired metal bracket (small, medium, or large) with soft hinges and rest its lower edge against the curved lip of the uppermost clamp. Flip the ReadWrite Stand around and position it at a readable/reachable distance on a secure working surface.





Small bracket
accommodates a 15° angle.

Medium bracket
accommodates a 30° angle.

Large bracket
accommodates a 45° angle.

Recommended ages: 5 years and up.

ReadWrite Stand: 1-03206-00.....$103.00

WARNING: Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

Desk Top Reading Stand

Made of durable white plastic, this portable stand holds reading material at a proper position for low vision users.

Features five tilt angles.

Features

- Adjustable page clamps
- Built-in carrying handle
- Reading surface measures 23 3/4 x 18 inches

Recommended ages: 8 years and up.

1-03220-01.....$139.00

Includes removable clips for holding book pages open (not shown).

GrandStand: Portable Reading Easel

Easy to lift, carry, and lock into position. Folds up when not in use.

Adjustable shelf may be raised and lowered to accommodate the height of the reader. Includes removable clips for holding book pages open (not shown). Top surface measures 15 x 14 1/2 inches. Weighs only 2 1/3 lbs.

Recommended ages: 5 years and up.

GrandStand: Portable Reading Easel:
Yellow: 1-03205-00.....$50.00
Black: 1-03204-00.....$48.00

PARTS Shafer Reading Stand

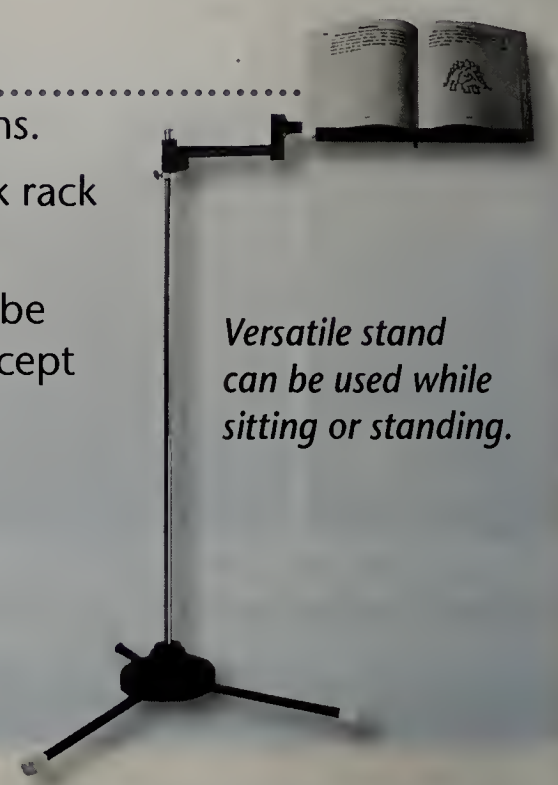
Adjustable, heavy-duty self-supporting stand for large print publications.

Tripod base with a 42-inch shaft. A 4-joint, adjustable swivel arm/book rack attaches to the shaft. Bookrack measures 16 x 11 1/2 inches.

Swivel arm can be locked at any height along the shaft. Bookrack can be rotated or tilted in many different positions. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and up.

1-03230-00.....$326.00



Versatile stand can be used while sitting or standing.

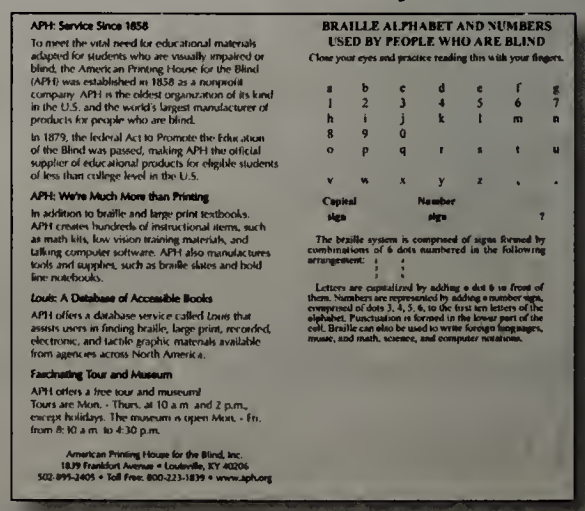
APH Alphabet Card Folder

Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, a sample of large print, and a brief history of APH. Measures 3 5/8 x 6 3/8 inches folded.

As a special service, educators may request up to five copies free by calling our 800 number.

Alphabet Card Folder
(50-pk.): 1-04000-01.....$9.00

Not available with Quota funds.



APH: Service Since 1858

To meet the vital need for educational materials adapted for students who are visually impaired or blind, the American Printing House for the Blind (APH) was established in 1858 as a nonprofit company. APH is the oldest organization of its kind in the U.S. and the world's largest manufacturer of products for people who are blind.

In 1879, the federal Act to Promote the Education of the Blind was passed, making APH the official supplier of educational products for eligible students of less than college level in the U.S.

APH: We're Much More than Printing

In addition to braille and large print textbooks, APH creates hundreds of instructional items, such as math kits, low vision training materials, and talking computer software. APH also manufactures tools and supplies, such as braille slates and bold line notebooks.

Louis: A Database of Accessible Books

APH offers a database service called *Louis* that assists users in finding braille, large print, recorded, electronic, and tactile graphic materials available from agencies across North America.

Fascinating Tour and Museum

APH offers a free tour and museum!
Tours are Mon. - Thurs. at 10 a.m. and 2 p.m., except holidays. The museum is open Mon. - Fri. from 8:10 a.m. to 4:30 p.m.

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • Louisville, KY 40206
502-895-2405 • Toll Free: 800-223-1839 • www.aph.org

BRAILLE ALPHABET AND NUMBERS USED BY PEOPLE WHO ARE BLIND

Close your eyes and practice reading this with your fingers.

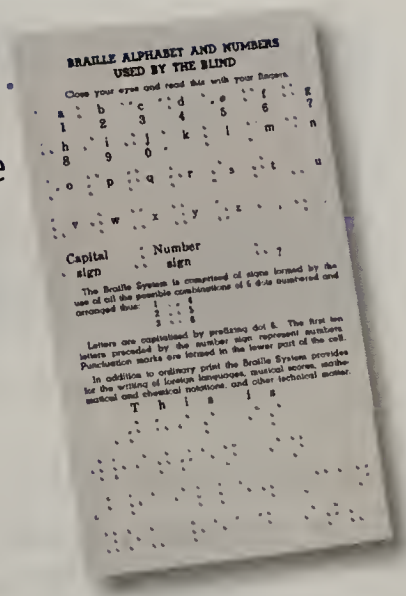
a	b	c	d	e	f	g
1	2	3	4	5	6	7
h	i	j	k	l	m	n
8	9	0				
o	p	q	r	s	t	u
v	w	x	y	z	,	.

Capital sign — Number sign — ?

The braille system is comprised of signs formed by combinations of 6 dots numbered in the following arrangement: 1 4 / 2 5 / 3 6

Letters are capitalized by adding a dot 6 in front of them. Numbers are represented by adding a number sign, comprised of dots 3, 4, 5, 6, to the first ten letters of the alphabet. Punctuation is formed in the lower part of the cell. Braille can also be used to write foreign languages, music, and math, science, and computer notations.

Braille Alphabet and Numbers Card



Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Braille Alphabet and Numbers Card (100-pk.): 1-04020-00.....$7.00

Not available with Quota funds.

Quick Check: Index of Literary Braille Signs

This booklet contains many of the common English braille contractions, including word signs, short-form words, punctuation, and composition signs.

Quick Check:
Braille: 5-35960-01.....$15.00
Print: 7-35960-01.....$10.50

Fun with Braille

This book of entertaining activities is designed to provide additional practice for adults and children who are already familiar with the braille contractions.

A list of contractions and the activities in which they appear is included for reference. The print edition includes selected activities in simulated braille so that print users learning braille can practice their skills.

Fun with Braille:
Large Print: 7-00110-00....$27.00
Braille: 5-00110-00.....$25.00

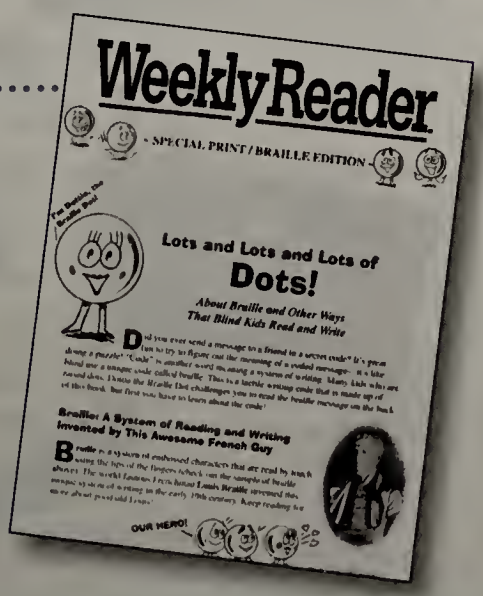
Weekly Reader®: Special Print/Braille Edition

Fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille.

As a special service, educators may request up to five copies free by calling our 800 number. Sold individually.

Recommended ages: 8 years and up.

***Weekly Reader: Special Print/Braille Edition*: Z-SMWR97.....$1.00**



Braille Contraction Recognition (BCR)

These materials help students increase braille reading speed and accuracy.

BCR Components:

- Teacher's Manual explains the program, provides suggestions for its use, and suggests additional practice material
- Pretesting and Posttesting Components provide a formal measurement tool

Configurations:

- **Teacher/Student Kit** contains one teacher's manual in either large print or braille and one Student Kit in braille
- **Student Kit** contains same materials, but without the teacher's manual

Recommended ages: 10 years and up who have a basic understanding of the braille code.

Braille Contraction Recognition (BCR):
Teacher/Student Kit, Large Print: 1-03251-00.....$136.00
Teacher/Student Kit, Braille: 1-03252-00.....$187.00
Student's Kit, Braille: 1-03253-00.....$85.00

Braille Contraction Cards

These large print/braille flashcards are for practicing the Literary Braille contractions.

Can be used with the Card Chart or the Expanded Dolch Word Cards.

Includes

- Alphabet and numbers
- Punctuation and composition signs
- Two-cell contractions
- Short-form words
- One-cell whole-word and part-word signs

Includes 247 cards, measuring 3 1/2 x 2 inches, 8 blank cards, 30 indexing cards with tabs, and a storage box.

Recommended ages: 6 years and up.

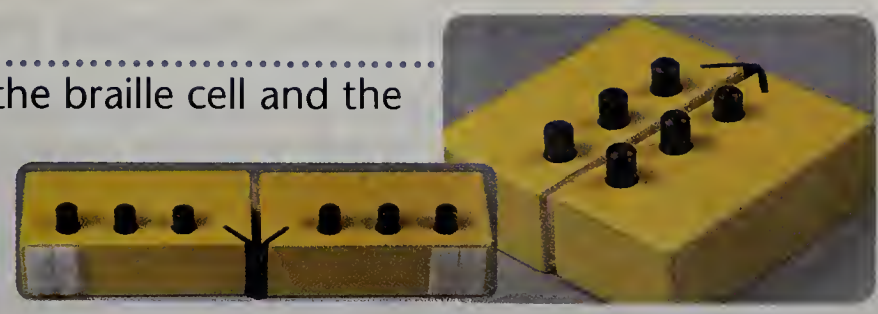
1-03561-00.....$16.00

Quick Pick Braille Contractions

Quick Pick Contractions includes two cases of fifty cards with each case representing a cross-section of braille contractions. On both sides of the cards, a braille contraction is on the top and four uncontracted answer choices are across the bottom.

Braille Contractions: 1-03576-00.....$73.00
Blank Cards, set of 50: 1-03577-00.....$7.00

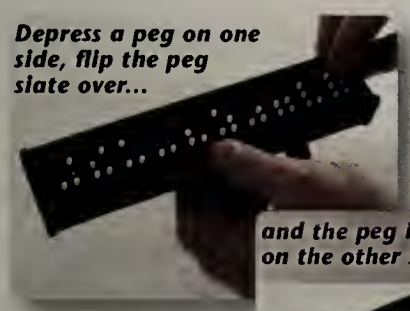
Swing Cell Compact

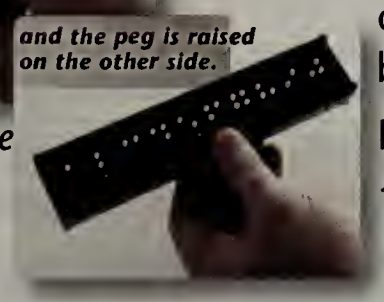


Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended ages: 5 years and up.

6-78041-00.....$43.00





Paperless device helps teach the use of a slate and stylus.

Peg Slate

Designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. Push pegs down, then flip frame over to read the braille message. Instructions in print and braille.

Recommended ages: 6 years to adult.

1-08830-00.....$16.00

Tactual Discrimination Worksheets

Four-part set of consumable worksheets for braille reading readiness. Beginning braille students of all ages can benefit from these consumable tactual discrimination worksheets. Instruction manual in regular print.

Recommended ages: 4 to 5 years and other beginning braille readers of all ages.

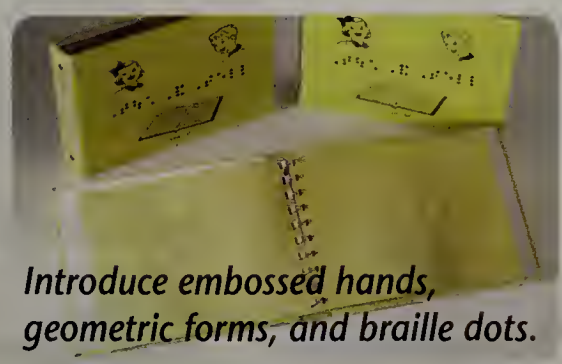
1-08810-00.....$20.00

Replacement Item: Worksheets (4-part set): 1-08800-00.....$7.00

Pop-A-Cell

A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card.

Pop-A-Cell (4-pk.): 1-17002-00.....$12.00



Introduce embossed hands, geometric forms, and braille dots.

Touch and Tell

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots. Recommended ages: 5 to 6 years.

6-44670-00.....$75.00

Replacement Item: Instruction booklet: 8-44660-00.....$5.00

Big Cell

Enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

1-08820-00.....$6.00

Patterns Prebraille Program

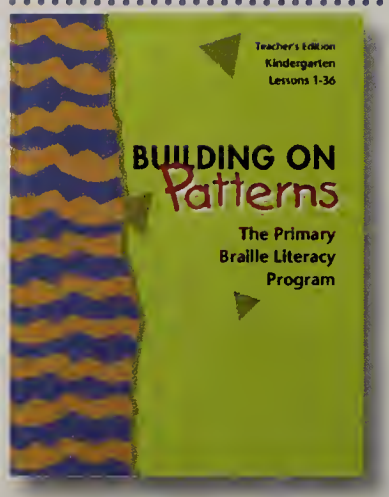
Designed to prepare children before they begin braille reading. Helps build a child's auditory, tactual, conceptual, and language skills. Emphasis in this program is on exposure to a variety of common childhood experiences.

6-78360-00.....$90.00

Optional Items:

Teacher's Manual: 8-78380-00.....$25.00
Instructions for Making Tactual Readiness Books: 8-78370-00.....$10.00
Patterns Prebraille Form Books: 6-78361-00.....$55.00

Building on Patterns: Primary Braille Literacy Program — Kindergarten Level



Building on Patterns (BOP) is a complete primary literacy program designed to teach beginning braille users to read, write, and spell in braille.

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics (the association of written symbols with the sounds they represent).

BOP also addresses specific skill areas needed by the child who is blind, such as language development, sound discrimination, tactual discrimination, and concept development. Braille contractions are introduced from the beginning along with sound and letter associations.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete. Textbooks are consumable.

Recommended ages: 4 to 5 years and up.

Note: BOP Kindergarten replaces Patterns Reading Program Readiness Level.

BOP Kindergarten:

Print Kit (Teacher's Materials in print): 8-78450-00.....$274.00
Braille Kit (Teacher's Materials in braille): 6-78450-00.....$321.00

Replacement Items:

Teacher's Edition
Print: 8-78451-00.....$130.00
Braille: 6-78451-00.....$172.00

Posttest Teacher's Manual
Print: 8-78452-00.....$15.00
Braille: 6-78452-00.....$22.00

Posttest Consumable Set (Print & Braille):
8-78455-00.....$16.00

Assessment Check-up Forms (Print & Braille):
8-78456-00.....$20.00

Student Textbooks, (7 per Set):
6-78453-00.....$75.00

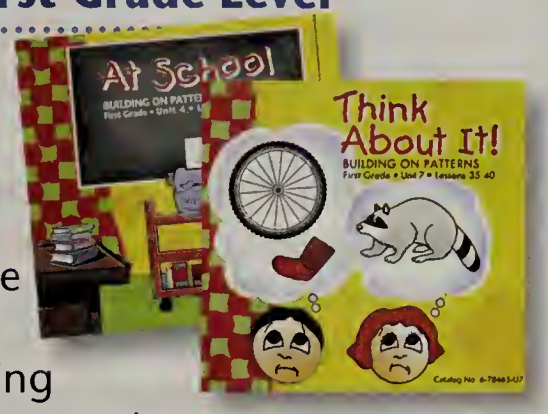
***Color Me* Book: 6-78454-00.....$18.00**

Color Me is an 11 1/2 x 5 1/2 inch soft covered book containing raised-line pictures to be colored. Each page has one or two raised-line drawings of an item that is usually the same color as the braille/print color word at the top of the page.

Recommended ages: 4 years and up.

UEB **Note:** UEB transcribed student materials will be available this fall. Please call Customer Service for more information.

Building on Patterns: Primary Braille Literacy Program — First Grade Level



Building on Patterns (BOP) is a complete primary literacy program designed to teach beginning braille users all language arts — reading, writing, and spelling.

BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are available separately.

Recommended ages: 6 to 7 years and up.

Prerequisite: Building on Patterns: Kindergarten or equivalent skills.

Note: Each print kit includes Teacher's Materials in print; braille kits include Teacher's Materials in braille.

BOP First Grade Level:

Unit 1:
Print Kit: 8-78460-U1.....$135.00
Braille Kit: 6-78460-U1.....$190.00

Unit 2:
Print Kit: 8-78460-U2.....$135.00
Braille Kit: 6-78460-U2.....$153.00

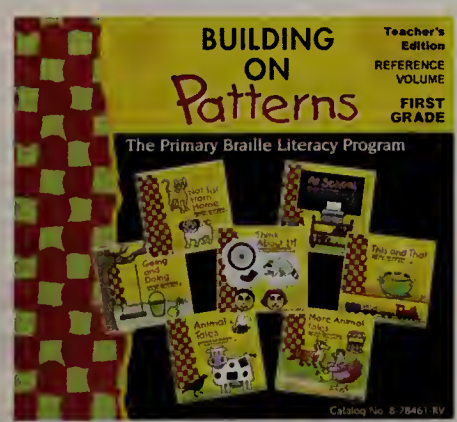
Unit 3:
Print Kit: 8-78460-U3.....$135.00
Braille Kit: 6-78460-U3.....$153.00

Unit 4:
Print Kit: 8-78460-U4.....$135.00
Braille Kit: 6-78460-U4.....$153.00

Unit 5:
Print Kit: 8-78460-U5.....$135.00
Braille Kit: 6-78460-U5.....$153.00

Unit 6:
Print Kit: 8-78460-U6.....$135.00
Braille Kit: 6-78460-U6.....$153.00

Unit 7:
Print Kit: 8-78460-U7.....$135.00
Braille Kit: 6-78460-U7.....$153.00



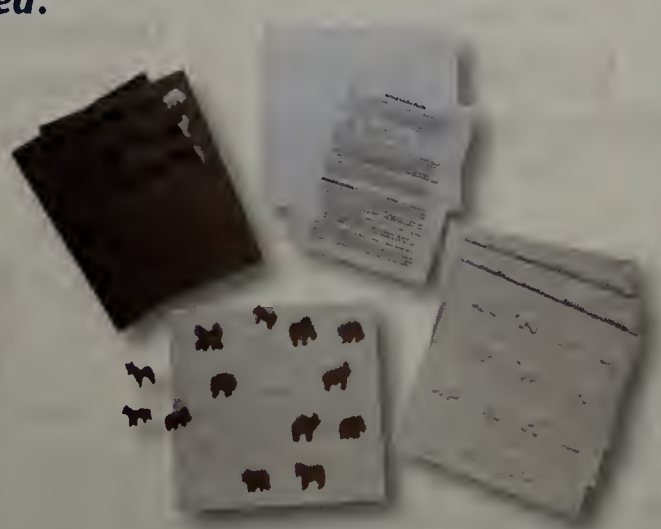
Optional Items, *Strongly Recommended*:

Reference Volume, First Grade:
Print: 8-78461-RV.....$49.00
Braille: 6-78461-RV.....$44.00

Teacher's Posttest Manual:
Print: 8-78462-00.....$38.25
Braille: 6-78462-00.....$28.00

Posttest Consumables
Pack: 8-78465-00.....$40.00

Unit 6 Animal Shapes and
Pages Set: 6-78467-00.....$39.00



Animal Shapes and Pages Set for First Grade, Unit 6 is a fun optional animal puzzle!

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

BOP: First Grade Level *(cont.)*

Replacement Items:

Unit 1 Teacher's Edition:
Print: 8-78461-U1.....$65.00
Braille: 6-78461-U1.....$70.00

Unit 1:
Student Textbook: 6-78463-U1.....$19.00
Assessment Check-up Forms: 8-78466-U1.....$18.00
Lesson Monitoring Sheets: 8-78463-U1.....$21.00
Worksheets Pack: call customer svc.

Unit 2 Teacher's Edition:
Print: 8-78461-U2.....$65.00
Braille: 6-78461-U2.....$75.00

Unit 2:
Student Textbook: 6-78463-U2.....$19.00
Assessment Check-up Forms: 8-78466-U2.....$18.00
Lesson Monitoring Sheets: 8-78463-U2.....$22.00
Worksheets Pack: 6-78464-U2.....$19.00

Unit 3 Teacher's Edition:
Print: 8-78461-U3.....$65.00
Braille: 6-78461-U3.....$75.00

Unit 3:
Student Textbooks: 6-78463-U3.....$19.00
Assessment Check-up Forms: 8-78466-U3.....$18.00
Lesson Monitoring Sheets: 8-78463-U3.....$22.00
Worksheets Pack: 6-78464-U3.....$19.00

Unit 4 Teacher's Edition:
Print: 8-78461-U4.....$65.00
Braille: 6-78461-U4.....$75.00

Unit 4:
Student Textbook: 6-78463-U4.....$19.00
Assessment Check-up Forms: 8-78466-U4.....$18.00
Lesson Monitoring Sheets: 8-78463-U4.....$22.00
Worksheets Pack: 6-78464-U4.....$19.00

Note: Assessment Check-up Forms and Lesson Monitoring Sheets are in print & braille.

Unit 5 Teacher's Edition:
Print: 8-78461-U5.....$65.00
Braille: 6-78461-U5.....$75.00

Unit 5:
Student Textbook: 6-78463-U5.....$19.00
Assessment Check-up Forms: 8-78466-U5.....$18.00
Lesson Monitoring Sheets: 8-78463-U5.....$22.00
Worksheets Pack: 6-78464-U5.....$19.00

Unit 6 Teacher's Edition:
Print: 8-78461-U6.....$65.00
Braille: 6-78461-U6.....$75.00

Unit 6:
Student Textbook: 6-78463-U6.....$19.00
Assessment Check-up Forms: 8-78466-U6.....$18.00
Lesson Monitoring Sheets: 8-78463-U6.....$22.00
Worksheets Pack: 6-78464-U6.....$19.00

Unit 7 Teacher's Edition:
Print: 8-78461-U7.....$65.00
Braille: 6-78461-U7.....$75.00

Unit 7:
Student Textbook: 6-78463-U7.....$19.00
Assessment Check-up Forms: 8-78466-U7.....$18.00
Lesson Monitoring Sheets: 8-78463-U7.....$22.00
Worksheets Pack: 6-78464-U7.....$19.00

Building on Patterns: Primary Braille Literacy Program — Second Grade Level

Braille contractions are introduced from the beginning along with sound and letter associations. Expanded Core Curriculum (ECC) Skills such as using tactile graphics and technology are also included. BOP Second Grade builds on the components of BOP First Grade and contains additional activities.

BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words, and the effect of certain letter combinations on vowel sounds. For optional map work, each lesson gives the foreign origin of at least one spelling word.

Recommended ages: 7 to 8 years and up.

Prerequisite: BOP First Grade or equivalent skills.

Note: Each print kit includes Teacher's Materials in print; braille kits include Teacher's Materials in braille.

BOP Second Grade Level:

Unit 1:
Print Kit: 8-78470-U1.....$199.00
Braille Kit: 6-78470-U1.....$271.00

Unit 2:
Print Kit: 8-78470-U2.....$219.00
Braille Kit: 6-78470-U2.....$225.00

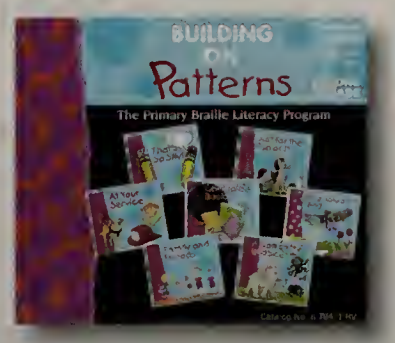
Unit 3:
Print Kit: 8-78470-U3.....$219.00
Braille Kit: 6-78470-U3.....$219.00

Unit 4:
Print Kit: 8-78470-U4.....$199.00
Braille Kit: 6-78470-U4.....$225.00

Unit 5:
Print Kit: 8-78470-U5.....$239.00
Braille Kit: 6-78470-U5.....$257.00

Unit 6:
Print Kit: 8-78470-U6.....$219.00
Braille Kit: 6-78470-U6.....$221.00

Unit 7 (includes 3 complete chapter books):
Print Kit: 8-78470-U7.....$219.00
Braille Kit: 6-78470-U7.....$224.00



Optional Items, *Strongly Recommended*:

Reference Volume, Second Grade:
Print: 8-78471-RV.....$48.00
Braille: 6-78471-RV.....$49.00

Teacher's Posttest Manual:
Print: 8-78472-00.....$21.00
Braille: 6-78472-00.....$21.00

Posttest Consumables Pack:
8-78475-00.....$24.00
(teacher's forms in print & braille, student's forms in braille)

Replacement Items:

Unit 1 Teacher's Edition:
Print: 8-78471-U1.....$105.00
Braille: 6-78471-U1.....$115.00

Unit 1:
Student Textbook: 6-78473-U1.....$19.00
Consumable Unit Assessment Pkt: 8-78476-U1.....$45.00
Lesson Monitoring Sheets: 8-78473-U1.....$17.00
Worksheets Pack: 6-78474-U1.....$26.00

continued on next page

BOP: Second Grade Level *(cont.)*

Replacement Items, cont.:

Note: Consumable Unit Assessment Packet and Lesson Monitoring Sheets are in print & braille.

Unit 2 Teacher's Edition:
Print: 8-78471-U2.....$119.00
Braille: 6-78471-U2.....$121.00

Unit 2:
Student Textbook: 6-78473-U2.....$18.00
Consumable Unit Assessment Packet: 8-78476-U2.....$42.00
Lesson Monitoring Sheets: 8-78473-U2.....$18.00
Worksheets Pack: call customer svc.

Unit 3 Teacher's Edition:
Print: 8-78471-U3.....$119.00
Braille: 6-78471-U3.....$121.00

Unit 3:
Student Textbook: 6-78473-U3.....$18.00
Consumable Unit Assessment Packet: 8-78476-U3.....$42.00
Lesson Monitoring Sheets: 8-78473-U3.....$18.00
Worksheets Pack: 6-78474-U3.....$26.00

Unit 4 Teacher's Edition:
Print: 8-78471-U4.....$89.00
Braille: 6-78471-U4.....$94.00

Unit 4:
Student Textbook: 6-78473-U4.....$32.00
Consumable Unit Assessment Packet: 8-78476-U4.....$42.00
Lesson Monitoring Sheets: 8-78473-U4.....$32.00
Worksheets Pack: 6-78474-U4.....$25.00

Unit 5 Teacher's Edition:
Print: 8-78471-U5.....$109.00
Braille: 6-78471-U5.....$113.00

Unit 5:
Student Textbook: 6-78473-U5.....$17.00
Consumable Unit Assessment Packet: 8-78476-U5.....$41.00
Lesson Monitoring Sheets: 8-78473-U5.....$17.00
Worksheets Pack: 6-78474-U5.....$69.00

Unit 6 Teacher's Edition:
Print: 8-78471-U6.....$109.00
Braille: 6-78471-U6.....$114.00

Unit 6:
Student Textbook: 6-78473-U6.....$21.00
Consumable Unit Assessment Packet: 8-78476-U6.....$42.00
Lesson Monitoring Sheets: 8-78473-U6.....$19.00
Worksheets Pack: 6-78474-U6.....$25.00

Unit 7 Teacher's Edition:
Print: 8-78471-U7.....$119.00
Braille: 6-78471-U7.....$125.00

Unit 7:
Student's Textbooks (*Fish Face, Skin,* and *Bones*): 6-78473-U7.....$39.00
Consumable Unit Assessment Packet: 8-78476-U7.....$25.00
Worksheets Pack: 6-78474-U7.....$35.00

Teaching Touch

Helps parents or teachers encourage young children (ages 4–7) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

Teaching Touch Kit: 1-08861-00.....$37.00

Optional Item:
Braille Manual: 5-08861-00.....$21.00

ABC's of Braille

by Bernard M. Krebs

A simplified introduction to the characters & rules of English Braille geared to the requirements of children ages 9-12 or other beginning learners. ©1973

Braille: 5-00200-00.....$55.00

Teacher's Guide, Print and Braille: 5-00210-00.....$25.00

The Braille Connection

Designed to teach former adult and teenage print readers how to read braille. Developed by APH and the National Federation of the Blind (NFB), this program moves quickly through tactual discrimination, on to Uncontracted Braille, and then through Contracted Braille.

Braille Connection, Teacher's Kit:
Print: 7-11100-00.....$199.00
Braille: 5-11100-00.....$273.00

Note: Designed to be used under the supervision of a qualified braille teacher.

Replacement Items:

Teacher's Edition:
Print: 7-11101-00.....$32.00
Braille: 5-11101-00.....$104.00

Student Workbook:
Uncontracted Braille: 5-11103-00.....$25.00
Contracted Braille: 5-11104-00.....$43.00

Chart of Braille Contractions: 5-17110-00.....$15.00

Student Practice Book:
Uncontracted Braille: 5-11105-00.....$26.00
Contracted Braille: 5-11106-00.....$45.00

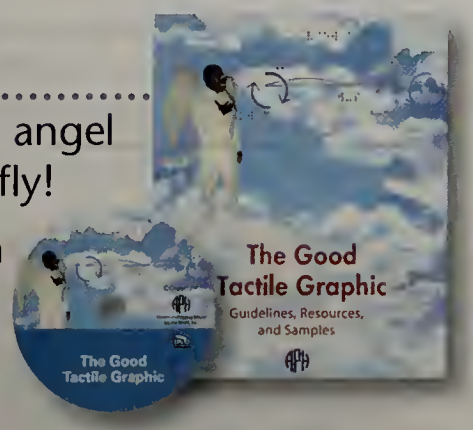
Mentoring Manual:
Print: 7-11102-00.....$14.00
Braille: 5-11102-00.....$15.00

Related Product:

Braille in Brief
The layout is the same as for *ABC's of Braille.*
Sentences contain more advanced vocabulary.

5-17100-00.....$77.00

The Good Tactile Graphic



These informative and entertaining videos tell the story of a visually impaired angel who must find well-made tactile graphics of his flight manual if he is ever to fly!

The Good Tactile Graphic DVD helps braille transcribers of all skill levels design clear and meaningful tactile graphics. These two videos on this DVD offer a wealth of information woven into the story of an angel who desperately needs tactile graphics showing him how to operate his wings.

Guidelines, Resources, and Samples provides specific guidelines for the design of tactile graphics, which expand on those mentioned in these videos. It also provides further resources and information that may be of use to creators of tactile graphics. In addition, it contains actual samples of some of the tactile graphics depicted in the video.

***The Good Tactile Graphic* DVD and Booklet: 1-30006-DVD.....$25.00**

Replacement Item: ***Guidelines, Resources, and Samples*** **(booklet only): 7-30006-01.....$15.00**

Early Braille Trade Books: Upper Emergent

APH's Early Braille Trade Books Project combines commercially available books with braille labels for beginning readers. These kits **(Sunshine, TWiG, and Rigby PM)** include books, braille labels, and access to an interactive website, **http://tech.aph.org/ebt/**

Features

- Contracted or uncontracted braille labels
- Match books to a student based on reading level and braille knowledge
- The interactive website allows you to:
  - Search for books by genre, core curriculum, or expanded core curriculum
  - Access a book summary and activities designed for braille readers
  - Maintain a listing and percentage of contractions learned by each student – great for documentation at IEP meetings
  - Share or transfer student records to other teachers

Sunshine Books While Supplies Last!

This fun collection of emergent level fiction stories support the development of essential literary skills.

TWiG Books While Supplies Last!

Young readers will be inspired by these emergent level nonfiction books about the natural world and everyday life. These books are easily integrated across the curriculum especially in science and social studies.

Rigby PM Books

These books are known for their meaningful stories that present a clear climax and resolution. Titles hook children with real story lines, and the steady growth of sentence structure scaffolds text complexity for incremental reading success.

Notes: Kits include braille labels, *not shown*. Customer applies the labels. A user ID and password are required to access the interactive website.

Sunshine Kit 2

TWiG Kit 2

Rigby PM Nonfiction

continued on next page

Early Braille Trade Books, cont.

Sunshine Kit:

Sunshine Kit 2:
Contracted Braille: 3-00203-00.....$170.00
Uncontracted Braille: 3-00204-00.....$170.00

Replacement Items

Sunshine Kit 1,
Braille Label Packs (labels only):
Contracted Braille: 3-00201-CL.....$79.00
Uncontracted Braille: 3-00202-UL.....$80.00

Sunshine Kit 2,
Braille Label Packs (labels only):
Contracted Braille: 3-00203-CL.....$72.00
Uncontracted Braille: 3-00204-UL.....$72.00

TWiG Kits:

TWiG Books Kit 1:
Contracted Braille: 3-00205-00.....$125.00

TWiG Books Kit 2:
Contracted Braille: 3-00207-00.....$143.00
Uncontracted Braille: 3-00208-00.....$143.00

Replacement Items

TWiG Books Kit 1,
Braille Label Packs (labels only):
Contracted Braille: 3-00205-CL.....$45.00

TWiG Books Kit 2,
Braille Label Packs (labels only):
Contracted Braille): 3-00207-CL.....$55.00
Uncontracted Braille: 3-00208-UL.....$55.00

Rigby PM Kits:

Rigby PM Nonfiction Kit:
Contracted Braille: 3-00211-00.....$265.00
Uncontracted Braille: 3-00212-00.....$265.00

Rigby PM Platinum Edition Kit:
Contracted Braille: 3-00209-00.....$292.00
Uncontracted Braille: 3-00210-00.....$273.00

Replacement Items

Rigby PM Nonfiction,
Braille Label Packs (labels only):
Uncontracted Braille: 3-00212-UL.....$95.00

Rigby PM Platinum Edition,
Braille Label Packs (labels only):
Uncontracted Braille: 3-00210-UL.....$95.00

TWiG Kit 1

Rigby PM Platinum Edition

PARTS Setting the Stage for Tactile Understanding: "Making Tactile Pictures Make Sense"

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of two-dimensional representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids with advanced understanding of scale and perspective.

Recommended ages: 5 years and up.

Complete Kit: 1-08853-00.....$209.00

Optional Item:
Braille Guidebook: 5-08853-00.....$35.00

Replacement Item:
Large Print Guidebook: 7-08853-00.....$46.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Flip-Over Concept Books

These concept books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books ***LINE PATHS, PARTS OF A WHOLE, TEXTURES,*** and future **Flip-Over Concept Books** consists of tactile, full-color panels that can be turned until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, and so on.

Note: These books utilize a special binding that opens and closes, allowing teachers and parents to:

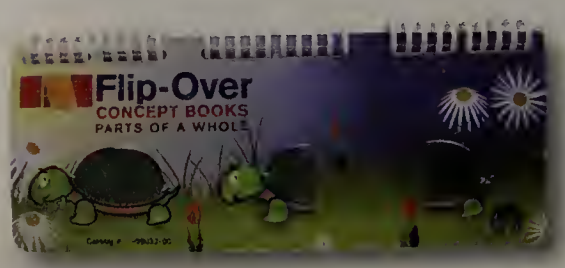
- Randomize/shuffle the panels within each stack to prevent the child from memorizing the exact location of a panel
- Minimize the number of line paths presented in the book, if needed, for a younger child

Recommended ages: 4 years and up.

Flip-Over Concept Books: LINE PATHS

LINE PATHS includes tactile and full color panels that can be turned freely until the child finds adjacent panels that match each other, continue a line or pattern, and so on. Continuous Line Path Worksheets are included to allow the child to practice.

***Flip-Over Concept Books: LINE PATHS*: 1-08831-00.....$50.00**



Flip-Over Concept Books: PARTS OF A WHOLE

PARTS OF A WHOLE consist of tactile, full color panels that can be turned freely until the child finds adjacent panels that match each other, continue a line or pattern, complete a sequence, build an image, and so on.

***Flip-Over Concept Books: PARTS OF A WHOLE*: 1-08832-00.....$50.00**

Flip-Over Concept Books: TEXTURES

The *TEXTURES* goal is to find three adjacent panels that are embossed with the same textured pattern. An assortment of textured vinyl panels is provided that the teacher/parent can select from to build a unique TEXTURE flip-over book. Each texture appears as separate red, blue, or yellow panels. Some panels are duplicated in soft, flocked styrene to encourage the child to discriminate between subtle textural differences. Provided textures are (those with an asterisk are also duplicated in flocked styrene):

- Smooth* (Note: Extra smooth panels are provided to serve as blank panels for affixing textures of parent's or teacher's choice.)
- Diagonal striped*
- Rough
- Bumpy
- Vertical striped*
- Coarse*
- Scalloped
- Wavy*
- Suction-cup*
- Shingled*
- Flat disks*
- Dimpled
- Grid
- Bold dots (large & small)
- Bold dots and dotted lines

***TEXTURES* Book introduces these concepts and skills:**

- Active tactile exploration of a variety of textures
- Discrimination of textures
- Pairing textures with real-life equivalents
- Understanding of "texture/pattern" terminology–soft, rough, bumpy, smooth, etc.
- Familiarity with many textures used as areal or fill patterns in tactile maps and displays

Includes

- *Flip-Over Concept Book: TEXTURES*
- Reader's Guide (print and braille versions)
- Textured panels

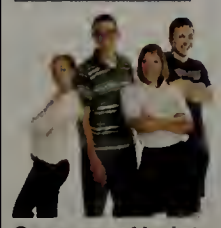
Flip-Over Concept Books:
***TEXTURES*: 1-08829-00.....$89.00**

There's Always a Sale at APH!

Find our quarterly sale items toward the bottom right of our shopping home page at **http://shop.aph.org**

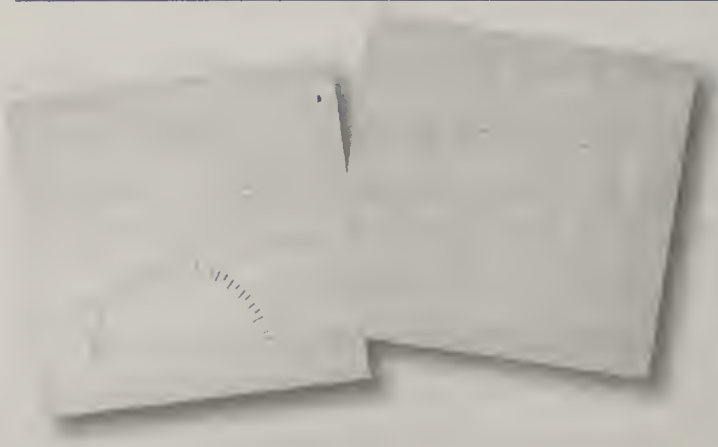
Look for the announcement of our new sale items in the *APH News* in January, April, July, and October.

ON SALE!



Save on a Variety of APH Products

- Technology
- Braille Books
- Games
- Videos



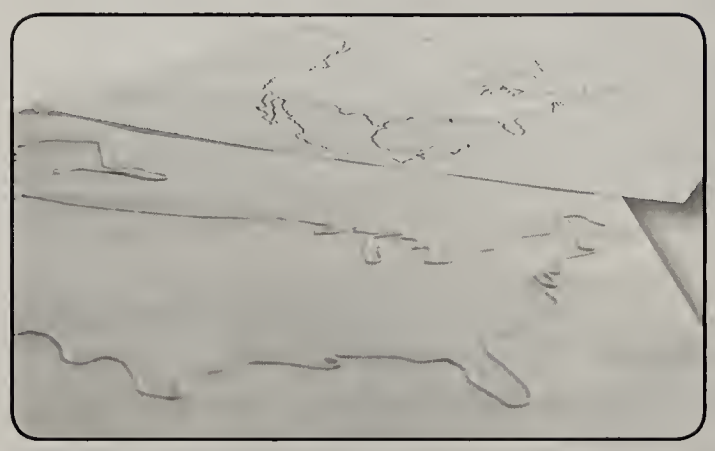
Sample pages from the BTK: Math – protractors and thermometers.

Braille Transcriber's Kit: Math

Make braille transcription of elementary math books quicker with this collection of raised-line graphics.

Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces, as well as three sizes of low-relief graph paper. Master sheets can be thermoformed to provide multiple copies of figures. Embossed on 11 1/2 x 11 inch braille paper.

BTK: Math: 1-04100-00.....$24.00



Braille Transcriber's Kit: U.S. Maps

A collection of embossed and printed drawings found in history, geography, and social studies textbooks.

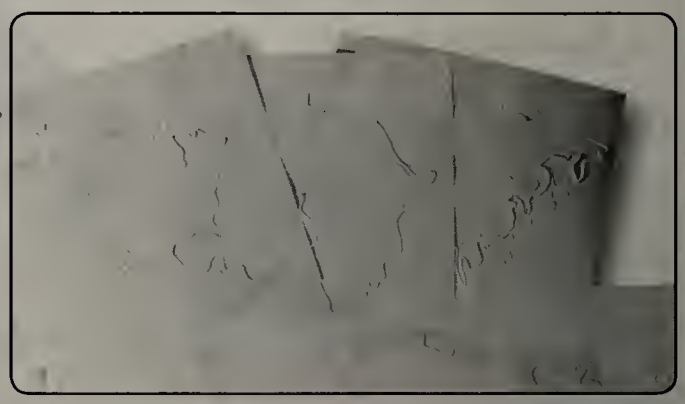
The embossed sheets may be used as templates for thermoforming. Add to them with spur wheel lines, craft ink, glued-on textures, braille labels, and other tactile graphics materials. Printed maps may be used as outlines for tracing or as masters for "swell paper" tactile graphics.

Maps include:

- North America, including Canada, the U.S., & Mexico
- U.S. with 50 states outlined
- U.S. outline (Alaska and Hawaii included, *not to scale*)
- Western region states
- Eastern region states
- Original 13 colonies

BTK: U.S. Maps: 1-04101-00.....$21.00

Braille Transcriber's Kit: Countries and Continents



The Braille Transcriber's Kit: Countries and Continents is a collection of embossed and printed outlines of maps commonly found in history, geography, and social studies textbooks.

Maps include:

- Africa (political)
- Africa (outline)
- Asia (political)
- Asia and Australia (outline)
- Europe (political)
- Europe (outline)
- Middle East (political)
- North America and Central America (political)
- South America (political)
- World (outline)

The embossed sheets may be used as templates when you create tactile maps. Photocopy the images onto your capsule paper, add labels, lines, and symbols, and produce the raised image by running the graphic through the heating machine.

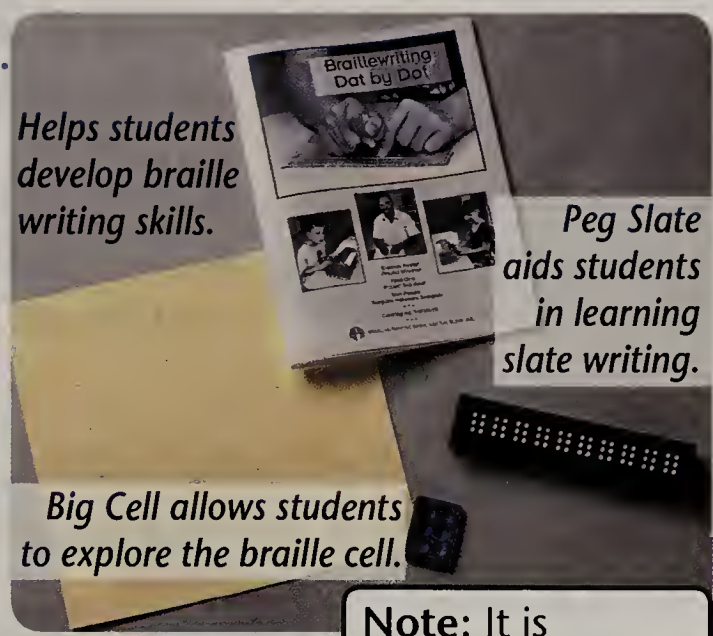
BTK: Countries and Continents: 1-04102-00.....$29.00

Braillewriting Dot by Dot

Most programs teach braille *reading;* this kit focuses on beginning *writing* skills with braillewriters and slate & stylus.

Braillewriting Dot by Dot kits are available in braille (pictured) and print.

Braillewriting Dot by Dot Kit:
w/Braille Teacher's Manual: 5-17400-00.....$63.50
w/Print Teacher's Manual: 7-17400-00.....$49.50



Helps students develop braille writing skills.

Peg Slate aids students in learning slate writing.

Big Cell allows students to explore the braille cell.

Replacement Items:

Teacher's Manual:
Print: 7-17401-00.....$20.00
Braille: 5-17401-00.....$34.00

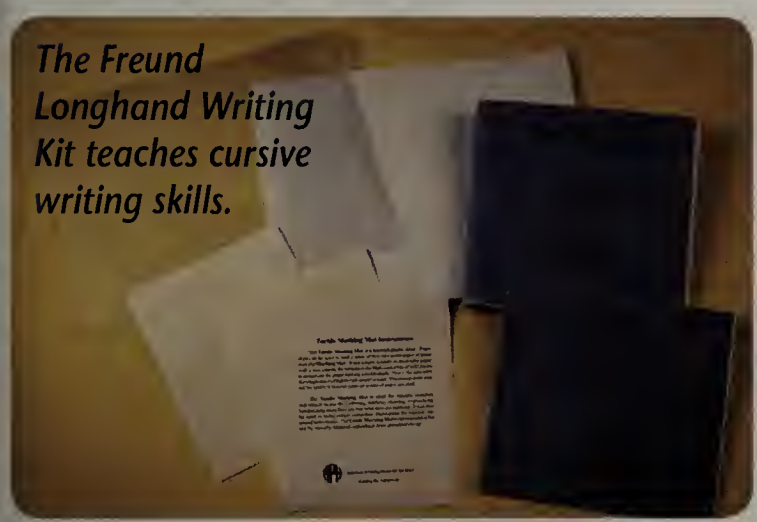
Exercise CD: 7-17401-CD.....$5.00

Peg Slate: 1-08830-00.....$16.00

Big Cell: 1-08820-00.....$6.00

Alphabet Etc.: 5-17402-00.....$2.50

Note: It is recommended that a Swing Cell Compact, 6-78041-00, be used with this kit.



The Freund Longhand Writing Kit teaches cursive writing skills.

Freund Longhand Writing Kit

Helps students learn cursive writing.

Includes:

- Embossed workbook
- Tactile Marking Mat *(also available separately)*
- Pad of 100 sheets of embossed-line paper
- Manual in both regular print and braille.

Recommended ages: 8 years and up.

Freund Kit: 1-03330-00.....$71.00

Replacement Items:

Teacher's Manuals:
Braille: 5-73970-00.....$21.00
Print is available as free download.

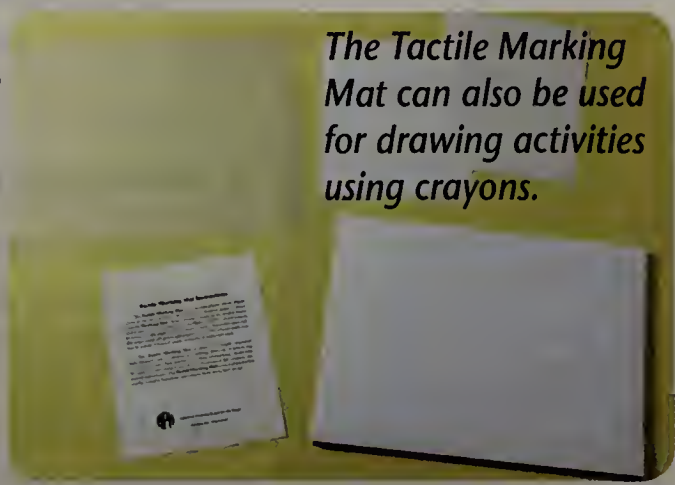
Longhand Writing Paper (100 sheet pads):
Embossed: 1-03340-00.....$13.00
Plain: 1-03270-00.....$3.00

Tactile Marking Mat

A 17 x 13 1/2 inch textured plastic sheet for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, practicing handwriting, and creating simple diagrams. Includes 100 sheets of paper. Instructions in print and braille.

Recommended ages: 3 years and up.

1-03331-00.....$23.50



The Tactile Marking Mat can also be used for drawing activities using crayons.

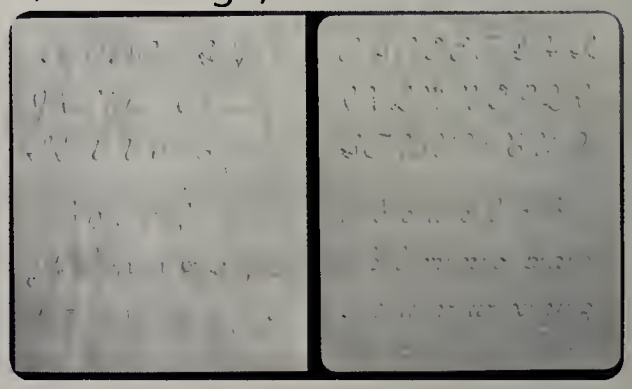
Stokes Braille Place Holder

Device marks the spot where you stopped reading on a braille page. Consists of a 11 x 9 1/2 inch sheet of brightly-painted metal and a strip of magnetic plastic. Metal sheet slips under the braille page and the magnet is placed at the last line read.

1-03590-00.....$27.00

Script Letter Sheet and Board

Students can explore and trace upper and lower case letters, about 3/4 inch high, with these two related products, sold separately.



Recommended ages: 10 years and up.

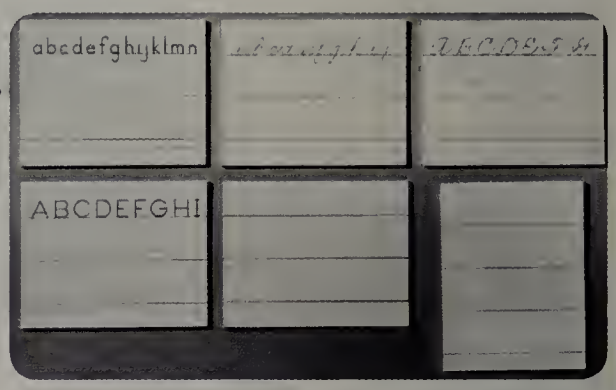
Script Letter Sheet: Alphabet of script (cursive) letters embossed on a sheet of white braille paper. Pack of 100 sheets.

1-04041-00.....$10.00

Script Letter Board: Use a pencil to trace the incised script (cursive) letters on this stiff white plastic board. Rubber pads prevent slipping.

1-04060-00.....$7.00

Beginner's Writing Paper

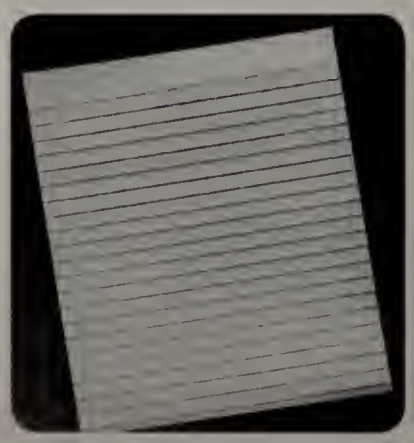


Special paper helps students practice manuscript and cursive writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice. Printed on white paper with black ink, measures 11 x 8 1/2 inches. Plain (no alphabet) is also available.

Recommended ages: 5 years and up.

With Alphabet, Padded, 100 sheets:
- **Upper Case Cursive: 1-04890-00.....$3.50**
- **Upper Case Manuscript: 1-04910-00.....$8.00**
- **Lower Case Manuscript: 1-04920-00.....$6.00**

Plain, Padded, 500 sheets:
- **8 1/2 inches wide: 1-04731-00.....$18.00**
- **11 inches wide: 1-04741-00.....$17.00**



Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet. Measures 8 3/4 x 10 1/2 inches and is in pads of approximately 165 sheets.

1-04560-00.....$12.00

APH offers a wide variety of slates and other unique devices for writing braille and print. Please feel free to consult the chart on next page.

Braille Slates, Styluses, and Erasers

Note: All slates include a stylus. A complete listing can be found in the chart on the next page.

Recommended ages for all slates: 6 years and up.

Examples of some of our slates and related items:

27 Cell Desk Slate

Made with durable white plastic. After writing four lines, open the slate and slide it down until the pegs fit into the next set of holes, and continue writing (up to 28 lines).

1-00060-01.....$105.00

Flat Stylus

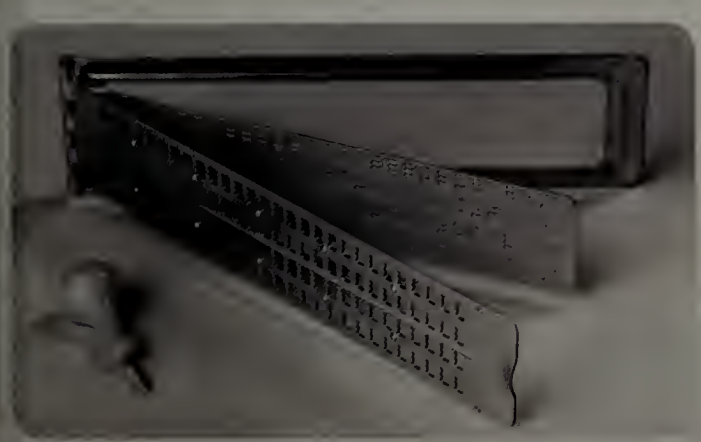
This thin stylus can be easily kept in the pocket of a notebook or binder and is flat to prevent rolling. It comes in two color-coded sizes.

Flat Stylus:
Large Yellow: 1-00121-00.....$2.50
Small Green: 1-00122-00.....$2.50

Brown Slate & Stylus

Can be opened to allow for reading the braille without removing paper from the frame. Lightweight metal slate has 28 cells per line and measures 8 3/8 x 2 1/4 inches.

1-00170-00.....$94.00

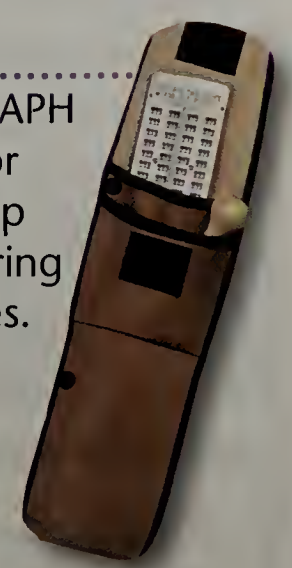


SlateHolder

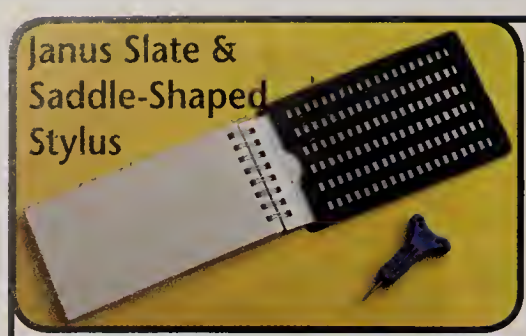
Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder. Measures approx. 3 1/2 x 9 inches.

Slates and styluses sold separately.

1-00082-00.....$10.00



See MiniBook Braille Quick-Note Products on **pg. 158.**



Slates, Styluses, and Erasers Chart

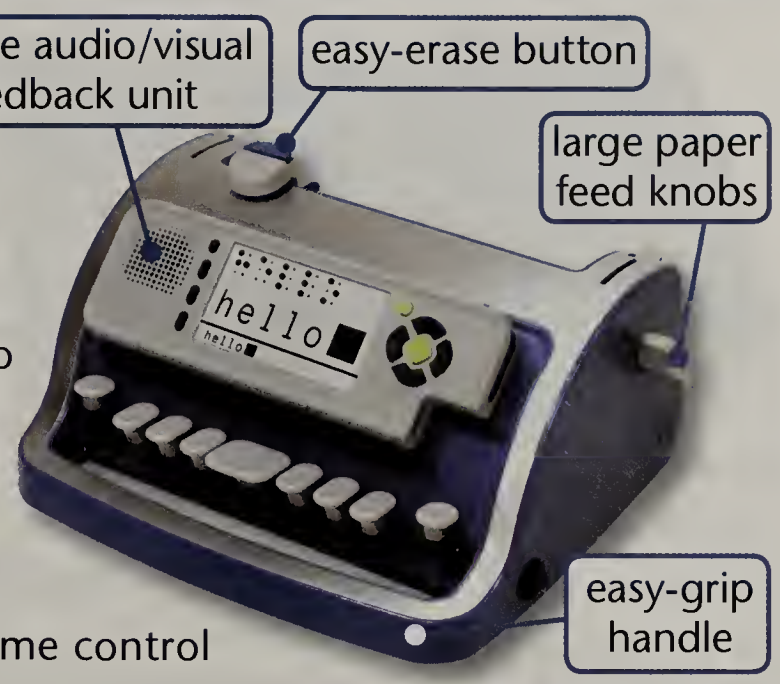
	Description (Stylus)	Size (Inches)	Catalog No.	Price
Braille Slates				
Lightweight Aluminum	28 Cell, 4 Lines, Pins Down (S)		1-00084-00	$11.00
	19 Cell, 6 Lines, Pins Down (F)		1-00083-00	$11.00
Note: *The above two slates are NOT available for purchase with Quota funds. All other APH slates below ARE available with Quota funds.*				
4x6 Interpoint	21 Cell, 9 Lines, Plastic (S)	6 1/2 x 4	1-00088-00	$25.00
Janus Interline	19 Cell, 11 Lines, Plastic (S)	5 1/2 x 3 1/2	1-00050-00	$5.00
Desk	27 Cell, Durable Plastic (L)	7 x 12 1/4	1-00060-01	$105.00
Brown	28 Cell, Lightweight Metal (L)	8 3/8 x 2 1/4	1-00170-00	$94.00
Interpoint — Pins Up	28 Cell, Lightweight Metal (L) Slotted for Labeling Tape	8 1/4 x 1 3/4	1-00081-01	$65.00
Pocket Slate — Pins Down	28 Cell, Lightweight Metal (L)	8 1/4 x 1 3/4	1-00090-00	$63.00
Pins Up	28 Cell, Black Plastic (L)	8 1/4 x 1 3/4	1-00080-00	$9.00
Pins Up	28 Cell, 4 Lines, Clear Plastic (L)	8 1/4 x 1 3/4	1-00078-00	$8.00
Pins Up	28 Cell, Heavyweight Metal (L) Slotted for Labeling Tape	8 1/4 x 1 3/4	1-00160-00	$58.00
Braille Styluses (all have a metal point)				
Large Handle	Wooden, Side of Handle is Flat	2 3/8 x 7/8	1-00200-00	$2.50
Small Handle	Wooden	1 7/8 x 3/4	1-00220-00	$2.50
Saddle-Shaped	Plastic, Concave Dip in Handle	2 5/8 x 1 1/4	1-00120-00	$2.50
Large Yellow Flat	Fits in notebook		1-00121-00	$2.50
Small Green Flat	Fits in notebook		1-00122-00	$2.50
Braille Erasers				
Wooden		2 1/2 long	1-00270-00	$3.00
Plastic	One Broad, One Narrow End	5 long	1-00280-00	$3.00

Stylus Key for Slates:

L - Large Handle S - Saddle F - Flat

New!

APH SMART Brailler by Perkins



This mechanical brailler has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. This audio and visual feedback also provides access to someone who does not know braille, including parents, peers, and general education teachers.

Features

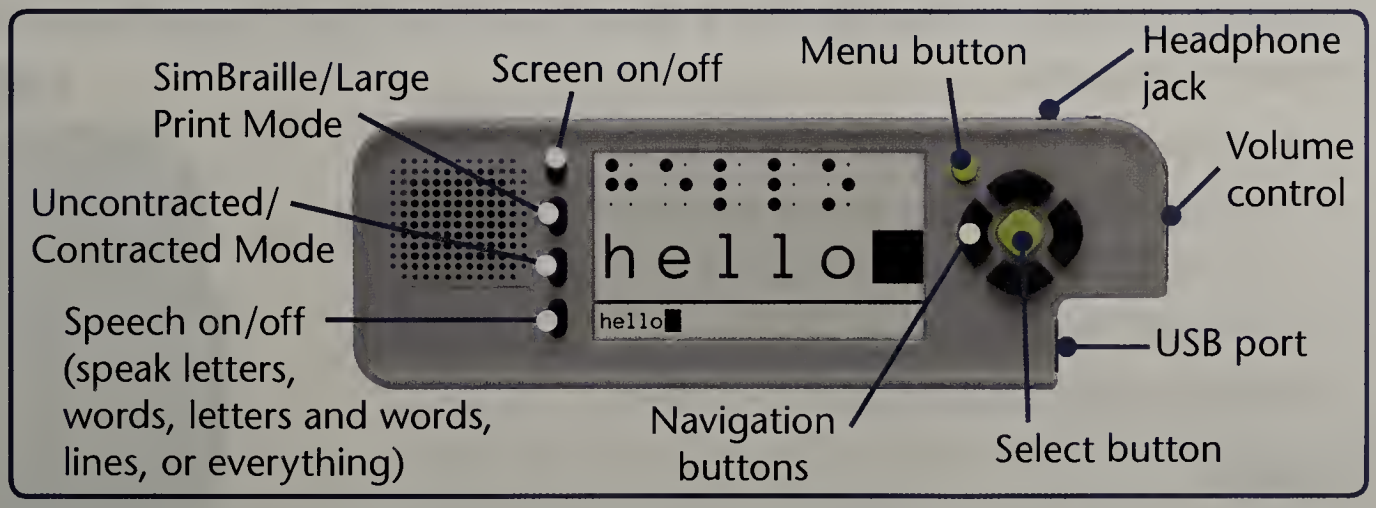
- 4-inch color screen displays SimBraille and large print
- Speaker provides text-to-speech feedback
- Translation of English braille, uncontracted and contracted
- Headphone jack
- Volume control
- USB port to save and transfer electronic documents via USB flash drive
- Exercises to supplement APH's Building on Patterns (BOP): Kindergarten curriculum
- Rechargeable battery

The base unit of the APH SMART Brailler by Perkins is the Perkins/APH Brailler, which was designed to be quieter, lighter, and more comfortable. Accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells.

Exclusive Content!

Only the APH version of the SMART Brailler comes with Building on Patterns: Kindergarten supplemental exercises.

Recommended ages: 3 years and up.



Note: Young children should be supervised during exploration and pre-braille activities.

APH SMART Brailler by Perkins: 1-00820-00.....$1,995.00 + shipping

Note: The *APH SMART Brailler by Perkins is available with Quota funds.*

Replacement Items

Power Adapter: 1-00821-00.....$19.00
Rechargeable Battery, Lithium-ion: 1-00822-00.....$20.00

The SMART Brailler Manual is available as a free download in accessible formats from the APH website: **www.aph.org/manuals/**

ADDITIONAL SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

The SMART Brailler was developed by Perkins Products and Product Development Technologies (PDT) in partnership with the American Printing House for the Blind. Acapela Text to Speech and voices used in the brailler are provided by Acapela Group, and contracted braille translation is provided by Duxbury Systems.

Perkins/APH Brailler

Improved Version 2 Based on User Feedback! The classic Perkins Brailler® has been reimagined, retaining all the attributes that make the most widely used braillewriter in the world. The sleek Perkins/APH Brailler is quieter, lighter, and more comfortable for brailling.

Features

- Light and small
- Gentle Touch Keys
- Easy-Erase Button
- Easy-Grip Handle
- Reading Rest
- Front Panel Margin Guides
- Highly Durable
- Paper-Feed Knobs
- One-year limited warranty

Maximum paper width: 8 1/2 inches. Recommended ages: 3 years and up.

Perkins/APH Brailler: 1-00800-00.....$735.00

This brailler IS available with Quota funds.

Note: Young children should be supervised during exploration and pre-braille activities.

APH Light-Touch Perkins Brailler

This manual brailler keeps all of the great features of the classic Perkins Brailler, but adds several enhanced features:

- 1/3 less pressure required to depress keys
- Ergonomic extended key design increases usability and comfort
- Exclusive Sapphire Blue color
- Keys provide contrast against frame

Features

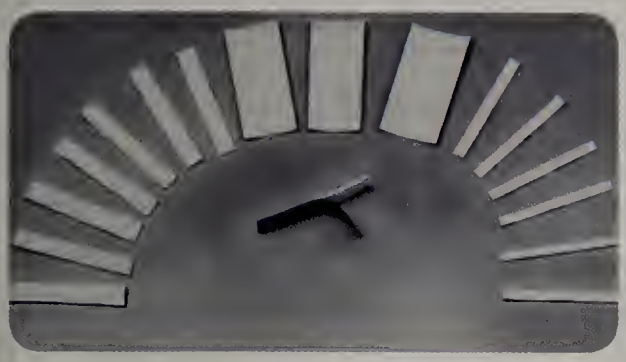
- Keys are made of high-impact plastic
- Emboss paper up to 11 1/2 wide x 14 inches long
- Emboss 25 lines of up to 42 cells when using 11 1/2 x 11 inch paper
- Durable baked enamel finish
- Tough aluminum frame
- Measures approx. 13.7 W x 9.2 D x 5.7 H
- Weight: 10 lbs.

Recommended ages: 3 years and up.

APH Light-Touch Perkins Brailler: 1-00815-00.....$730.00

Note: This manual brailler IS available with Quota funds.

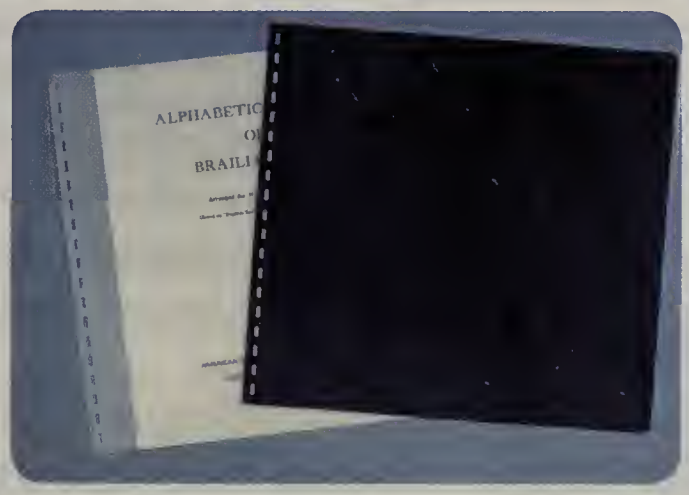
Note: Young children should be supervised during exploration and pre-braille activities.



APH Friction Pad Kit

Three assorted sizes of self-adhesive, plastic foam strips. Apply to the bottom of devices such as abacuses or desk slates, which tend to slip while in use.

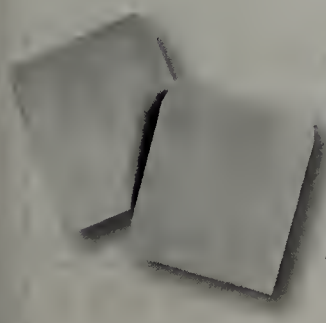
1-03190-00.....$18.00



Covers for Braille Documents

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Covers:
Royal Blue: 1-04010-01.....$3.00/pair
Clear Frosted: 1-04010-02.....$3.00/pair



Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets, 25-pk.

1-04230-00.....$6.00

QuickBraille Kit

Consists of a six-line by 19-cell slate, ten 6-section sheets of perforated fanfold paper, and APH's Large Flat Stylus housed in a pocket pouch.

Load one perforated section into the slate and put it in the pocket pouch ready for use in an instant to jot down telephone numbers, reminders, directions, etc.

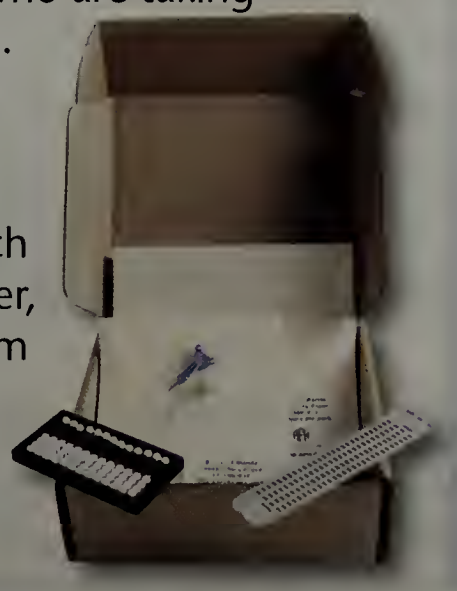
QuickBraille Kit: 1-00086-00.....$17.00

Replacement Item:

Accordion Paper Refill (10 sheets of 6 notes ea.): 1-00086-01.....$4.00

Student Starter Pack

APH offers a kit of basic braille materials packaged for students who are taking beginning braille classes. It includes 150 sheets of 8 1/2 x 11 inch manila transcribing paper, 150 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line 28-cell aluminum slate with Saddle Stylus, and a Cranmer abacus.



1-00350-00.....$62.00

Braille Paper Chart

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines.

Note: *All sheet quantities are approximate; all sizes are in inches.*

White Braille Paper

This 80# paper is for use with braille slates and braillers.

3 3/4 x 5 3/4	6-Hole Punch, 250 sheets (Fits in Pocket Notebook)	**1-04390-00**	**$5.00**
8 1/2 x 11	Unpunched, 200 sheets (All 28-Cell Slates)	**1-04151-00**	**$6.00**
	3-Hole Punch, 150 sheets	**1-04401-00**	**$5.00**
11 1/2 x 11	Unpunched, 150 sheets (38 or 41-Cell Slate/brailler)	**1-04221-00**	**$6.00**
	3-Hole Punch, 110 sheets	**1-04471-00**	**$5.00**

White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 100# paper.

8 1/2 x 11	Unpunched, 500 sheets	**1-04137-00**	**$24.50**
	Both 3-Hole and 19-Hole Punch, 500 sheets	**1-04138-00**	**$24.50**
11 1/2 x 11	Unpunched, 1000 sheets	**1-04139-00**	**$50.00**
	Both 3-Hole and 19-Hole Punch, 1000 sheets	**1-04140-00**	**$50.00**

Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11	Unpunched, 500 sheets	**1-04530-00**	**$20.00**
	3-Hole Punch, 500 sheets	**1-04660-00**	**$20.00**
11 1/2 x 11	Unpunched, 500 sheets	**1-04540-00**	**$21.00**
	3-Hole Punch, 500 sheets	**1-04680-00**	**$22.00**
	19-Hole Punch, 500 sheets	**1-04650-00**	**$25.00**

PermaBraille Sheets

This waterproof and tear-resistant paper provides a durable alternative to standard braille paper. Each package contains 50 sheets.

5 x 3: 1-08881-00.....$9.00

5.75 x 3.75, 6-hole punched *(for APH's Pocket Sized Notebook)*: **1-08886-00.....$11.00**

6 x 4: 1-08883-00.....$10.00

6 x 4, 2-hole drilled *(for APH's Braille DateBook)*: **1-08882-00.....$9.00**

8.5 x 11: 1-08884-00.....$13.00

11.5 x 11: 1-08885-00.....$15.00

Brailon® Paper *It's Back!*

A plastic-like paper developed specifically for use with Thermoform machines. Brailon paper has a slightly matte surface, is non-toxic, moisture-proof, and classroom safe.

11 1/2 x 11	19-Hole Punch, 500 sheets, regular weight	**1-04630-00**	**$55.95**

Bold Print Paper

Makes it easier for users with low vision to complete written tasks.

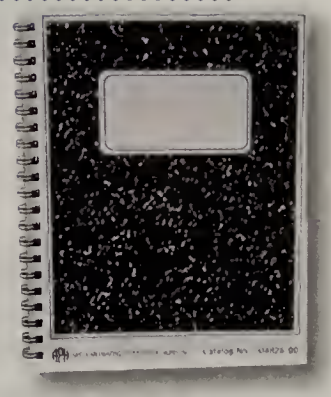
Note: *All sheet quantities below are approximate; all sizes are in inches.*

Boldline Spiral Notebook

Looks like the type all students carry, but with bold line paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

1-04825-00.....$6.00

Collegiate Boldline Spiral Notebook



This notebook has more closely spaced bold lines than the Boldline Spiral Notebook. Has 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00.....$6.00

Bold Line Notebook Paper

Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder.

Padded:

8 1/2 x 11	7/16 inch line spacing, Unpunched, 500 sheets	**1-04791-00**	**$17.00**
	9/16 inch line spacing, Unpunched, 500 sheets	**1-04801-00**	**$17.00**

Loose Sheets:

8 1/2 x 11	7/16 inch line spacing, 3-Hole Punch, 500 sheets	**1-04851-00**	**$17.00**
	9/16 inch line spacing, 3-Hole Punch, 500 sheets	**1-04861-00**	**$17.00**

Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines. 300 sheets per package.

8 1/2 x 11	3/4 inch lines, Unpunched	**1-04831-00**	**$13.00**
	3/4 inch lines, 3-Hole Punch	**1-04869-00**	**$14.00**
	7/16 inch lines, 3-Hole Punch	**1-04872-00**	**$13.00**
11 x 8 1/2	3/4 inch lines, Unpunched	**1-04841-00**	**$17.00**
	3/4 inch lines, 3-Hole Punch	**1-04881-00**	**$22.00**

Bold Line Letter-Writing Paper

This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad. 8 1/2 x 11 inch paper.

Bold Line Letter-Writing Paper:

7/16 inch line spacing: 1-04811-00.....$17.00
9/16 inch line spacing: 1-04821-00.....$17.00

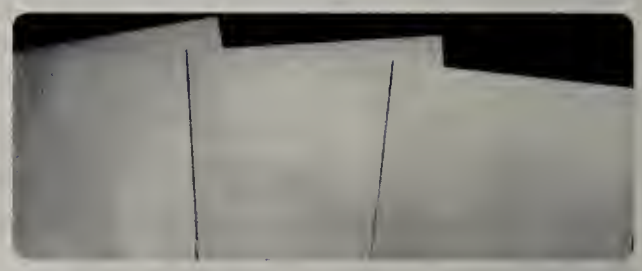
Antique Ivory Opaque Paper

Ivory colored, unlined paper for good contrast – great for photocopying large print documents. 500 sheets per package.

Antique Ivory Opaque Paper:

8 1/2 x 11 inches: 1-04500-01.....$16.00
11 x 14 inches: 1-04500-05.....$23.00
11 x 17 inches: 1-04500-00.....$25.00

Low-Relief Embossed Graph Sheets



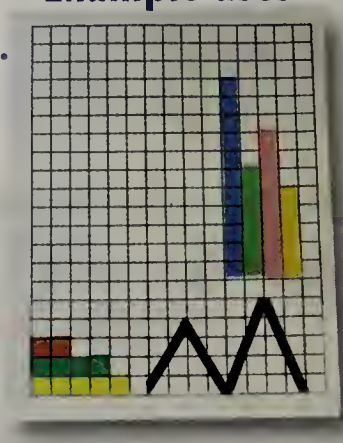
Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins. Available in five varieties; 25 sheets per package.

Squares	Grid		
0.4 inch	19 x 19	**1-04046-00**	**$5.45**
1/2 inch	17 x 16	**1-04047-00**	**$5.45**
5/8 inch	13 x 12	**1-04048-00**	**$5.45**
3/4 inch	11 x 10	**1-04049-00**	**$5.45**
1/2 inch *with X-Y axis*	20 x 20	**1-04045-00**	**$6.00**

Bold-Line Tactile Graph Sheets

These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

Example uses



Feel 'n Peel Sheets: Carousel of Textures 1-08863-00

Graphic Art Tape 1-08878-00

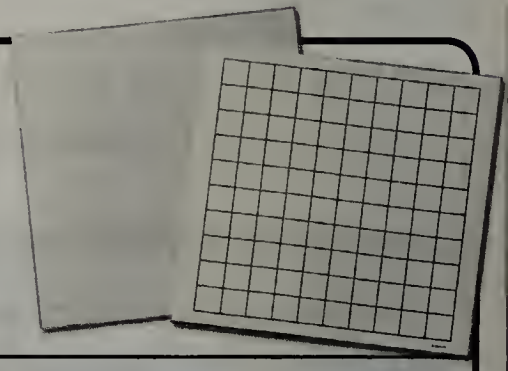
Feel 'n Peel Stickers: Point Symbols II 1-08868-00

Includes:

- 50-pk. Bold-Line Tactile Graph Sheets, 1/2 inch squares in a 15 x 20 inch grid for bar graphs on 100 lb. text stock

Bold-Line Tactile Graph Sheets: 1-04080-00.....$21.00

Graph Sheets



Bold-line graph sheets have thick unit lines and thinner sub-unit lines. *100 sheets per package.*

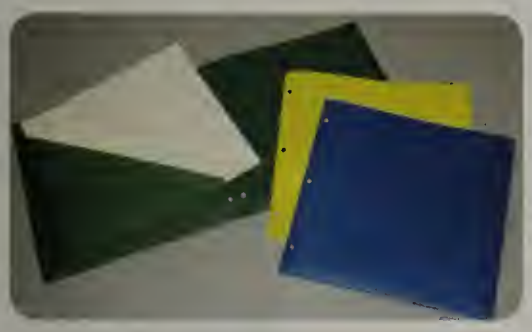
Embossed graph sheets have braille dot grids on manila paper. *Embossed graph sheets have 50 sheets per package.*

Squares	Grid	Details	Bold-Line	Price	Embossed	Price
8 1/2 x 11:						
1/4 inch	31 x 40		1-04062-00	$16.00		NA
1/2 inch	15 x 20	Coordinate Axes	1-04061-00	$16.00	1-04052-00	$10.00
1/2 inch	15 x 20	For Bar Graphs	1-04063-00	$16.00	1-04053-00	$10.00
3/4 inch	10 x 13		1-04064-00	$16.00	1-04054-00	$10.00
1 inch	7 x 10		1-04065-00	$16.00	1-04055-00	$10.00
11 1/2 x 11:						
1/2 inch	19 x 20		1-04067-00	$16.00	1-04056-00	$10.00
1/2 inch	18 x 21	1 inch margin on 3 sides	NA	NA	1-04059-00	$10.00
3/4 inch	13 x 13		NA	NA	1-04057-00	$10.00
1 inch	10 x 10		1-04069-00	$16.00	1-04058-00	$10.00

Floppy Braille Binders

Durable plastic 3-ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Has an inside pocket. Includes 3 binders, 1 each: green, blue, yellow.

Floppy Braille Binders: 1-04295-00.....$16.00



Braille Pocket Folders

Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic. Includes three folders, 1 each: green, blue, and yellow.

Braille Pocket Folders: 1-04294-00.....$14.00

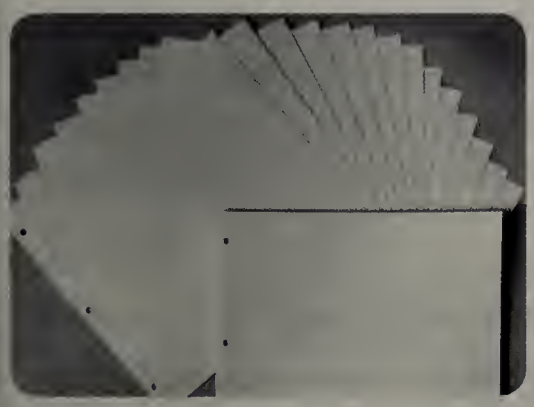
Braille Notebooks, 3-Ring

Two popular sizes. Made of heavy-duty board covered with vinyl. Holds approximately 100 sheets of braille paper.

Azure Blue, for 8 1/2 x 11 inch braille paper: 1-04320-00.....$13.00

Note: Azure Blue Notebook is *Not available with Quota funds.*

White, for 11 1/2 x 11 inch braille paper: 1-04380-00.....$9.00



Dividers for Braille Notebooks, 3-Hole Punch

Dividers will fit the Azure Blue or the White 3-Ring Braille Notebooks. Are a heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

9 x 11 inches (for Azure Blue Notebook): 1-04225-00.....$3.50

12 x 11 inches (for White Notebook): 1-04226-00.....$3.50

Super-Sized Folders

These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit.

A part of the braille page remains uncovered so that the contents of each folder can be quickly scanned.

Super-Sized Folders (set of 3 different colors): 1-04296-01.....$14.00

Pocket-Size Notebook, 6-Ring

Bound in imitation leather. Will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille or bold line paper *(not included)*. Has a pocket designed to hold a slate and a cloth page marking strip. Stylus can be tied to the cloth strip. Tabs make this notebook an organizer (sold separately).

Slate and stylus sold separately.

Pocket-Size Notebook: 1-04280-00.....$12.00

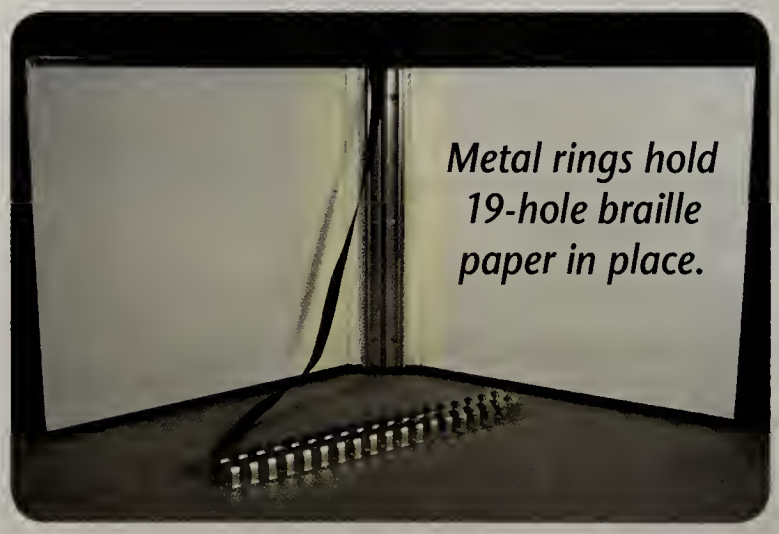
Optional Items:

Braille Paper for Pocket Notebook (approx. 250 sheets): 1-04390-00.....$5.00

Bold Line Paper for Pocket Notebook (approx. 250 sheets): 1-04392-00.....$9.00

Pocket Notebook Tabs (2 sets of tab pages, 3-cut tabs): 1-04389-00.....$3.00

For low vision users too! An ideal pocket-sized organizer, when used with the Boldline filler paper and Pocket Notebook Tabs. Use the cloth strip to mark your place.

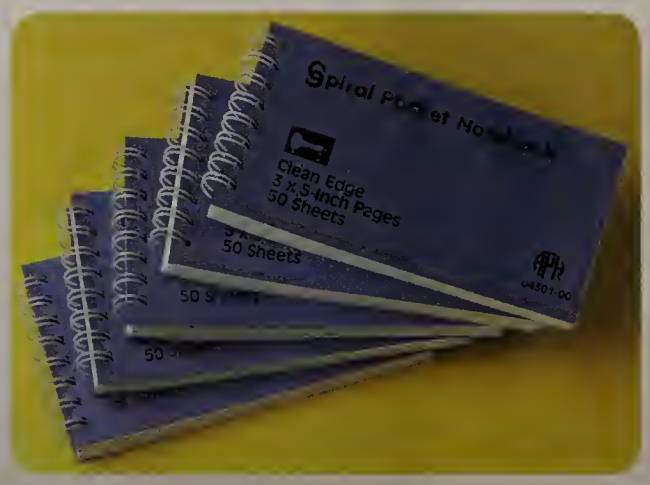


Metal rings hold 19-hole braille paper in place.

Krebs' Binder, 19-Ring

Made of heavy-duty board covered with imitation leather. Holds 11 1/2 x 11 inch 19-hole punched braille paper. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin.

Krebs' Binder, 105 sheet capacity: 1-04260-00.....$29.00



Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle.

Notebook measures 3 x 5 1/2 inches. Sheets are perforated and measure 3 x 5 inches when removed. Works easily with APH's Janus Slate. Six notebooks per package.

1-04301-00.....$14.00

Related Item:

Janus Slate and Saddle-Shaped Stylus: 1-00050-00.....$5.00

Storage/Carrying Case

All-In-One Board (Magnetic/Velcro®/Dry Erase)

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-Velcro accessories or magnetic pieces (homemade, obtained from APH, or purchased commercially), as well as with dry erase markers to facilitate a variety of learning activities. Board can be positioned at a variety of angles. For classroom use with students of all ages. Surface of board is 23 9/16 x 14 inches.

Includes

- All-in-One Board (Magnetic/Velcro/Dry Erase)
- Starter package of dry erase markers
- Protective storage and carrying case

All-in-One Board: 1-08836-00.....$147.00

All-In-One Board: Student Model

Dry Erase/Magnetic side (magnetic pieces not included)

Velcro side (tactile pieces not included)

Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in combination with either hook-Velcro® accessories or magnetic pieces (homemade, obtained from APH, or purchased commercially), as well as with dry erase markers to facilitate a variety of learning activities. The smaller size accommodates portability and desktop use by an individual student with visual impairment and blindness.

Includes

- All-In-One Board: Student Model
- Product information sheet, print and braille
- Starter package of dry erase markers
- Protective storage and carrying case

Surface of board measures 13 1/2 x 10 3/4 inches.

All-in-One Board: Student Model: 1-08833-00.....$127.00

American Printing House for the Blind ~ *Shopping*

Ordering for U.S. Customers: http://shop.aph.org

Expanded Core Curriculum:

Visual Efficiency and Low Vision

Visual Efficiency Skills

The visual acuity of children diagnosed as visually impaired varies greatly. With thorough, systematic training, most students with functional vision can learn to use their remaining vision better and more efficiently. Educational responsibility for performing a functional vision assessment, planning appropriate learning activities for effective visual use, and teaching students to use their functional vision effectively and efficiently falls to the professionally prepared teacher of visually impaired learners.

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APH offers the APH InSights Large Print/Braille Art Calendar in the "Special Touch" Gift Section.

VisioBook®

Portable Electronic Magnifier and Distance Viewer

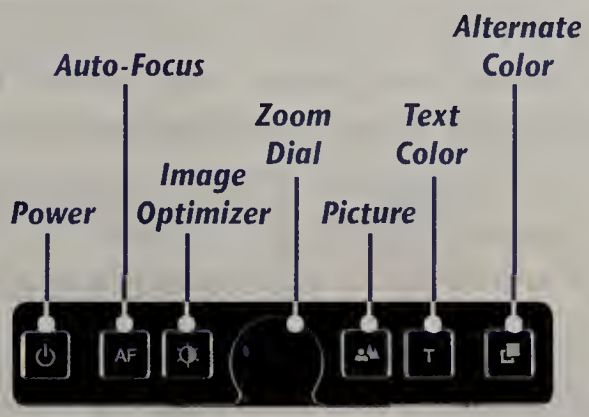
VisioBook® is a high quality, full-color reading device for visually impaired users of all ages.

Features

- Compact and light
- 12-inch HD full-color widescreen monitor with LED-backlight
- Intuitive operation with clearly marked buttons
- Smart folding mechanism with 3 safe articulated joints
- Viewing modes: 5 reversible color combinations, full natural colors, auto focus can be switched on and off
- HD camera: 1366 x 720 pixels, for both close range and distance views
- Aesthetically pleasing space-saving design
- External power adapter/ battery charger
- Lithium-ion battery, 5+ hrs. operating time

Specifications

- **Magnification:** 1.8–30X with dynamic contrast adjustment and picture optimizing control settings
- **Dimensions:** 12.2 x 13.4 x 2.1 inches folded; 12.2 x 13.4 x 19.9 inches unfolded
- **Weight:** 7.7 lbs. with power adapter



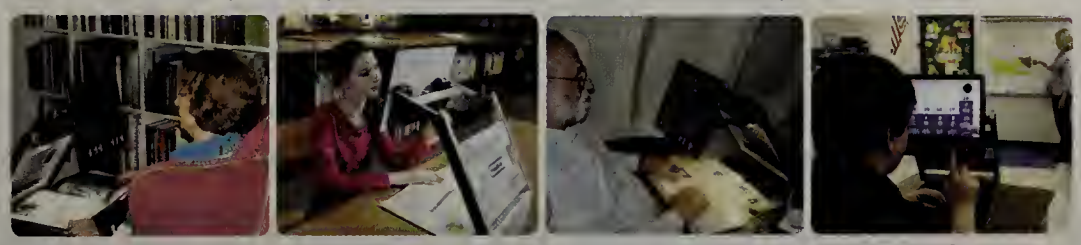
VisioBook: 1-03913-00.....$3,000.00 + shipping

Note: *VisioBook IS available with Quota funds.*

SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination. Signature required for delivery. Not eligible for Free Matter shipping.

Use your portable VisioBook everywhere!



at work/home *in the library* *while traveling* *at school*

Individual Study Screen (ISS)

Allows low vision students to view films and slides close up.

A rear-projection technique is used to enable one student to get as close to the screen as he or she requires. Constructed of tough plastic, screen measures 13 x 10 1/2 inches. Image is projected on a frosted plastic insert.

Recommended ages: 6 years and up.

1-03300-00.....$22.00

Bright Line Reading Guide

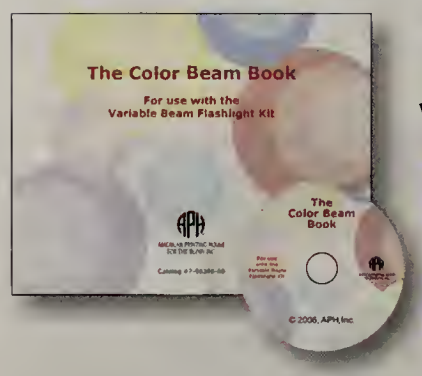
Place over text to highlight, eliminate glare, and promote maximum contrast. The guide provides a black reference line that helps the reader keep his or her place on the page. Bright Line Reading Guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Bright Line Reading Guide
Yellow (2-pk.): 1-03060-00.....$8.00
Pink (2-pk.): 1-03061-00.....$8.00

Variable Beam Flashlight Kit

Designed to help students develop visual awareness and visual tracking skills. The included *Color Beam Book* contains instructions and suggested activities.

Includes two variable beam flashlights, two sets of eight translucent and seven transparent color lenses (30 lenses total), *The Color Beam Book*, Large Print *(braille edition available separately)*, and AAA batteries.



Recommended for all ages.

Variable Beam Flashlight Kit: 1-08390-02.....$66.00

Optional: *Color Beam Book* w/CD, Braille: 5-08390-00.....$25.00

Replacement: *Color Beam Book* w/CD, LP: 7-08390-00.....$10.50

Looking for Accessible Materials? – Search *Louis*!

Search ***Louis*** to find over 400,000 accessible books and other materials in braille, tactile graphics, large print, recorded, and computer file formats available from over 140 producers across the United States. ***Louis*** also includes information about APH educational products and software. Download files for braille production from the APH File repository or search from nearly one million items with ***Louis Plus*** to find source files and accessible books from NIMAC, Bookshare, and Learning Ally™.

Access ***Louis*** at **http://louis.aph.org**

Louis Database — Accessible Materials and APH File Repository

Check out the APH **Accessible Textbooks Dept.** (see ad on **pg. 138**)

RollBuster

The original RollBusters are foam rings that keep your monocular from rolling away and provide some protection from impact.

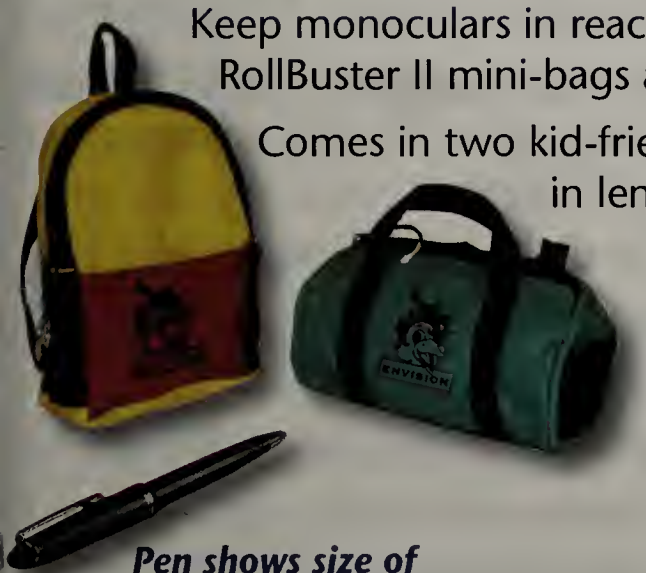
Place one ring around each end of your own monocular. The rings friction-fit to the monocular and have flat surfaces on their outside edge to prevent rolling.

RollBusters come in a set of five pairs, with four different sizes. The sizes of the inside diameters are: triangles – 25 mm; squares – 28 mm; pentagons – 30 mm; and hexagons – 40 mm (there are two pairs of the 30 mm size).

RollBuster (set of five pairs): 1-03195-00.....$5.00

RollBuster II

Keep monoculars in reach during classroom activities, while protecting them from rolling. RollBuster II mini-bags also provide some impact protection.



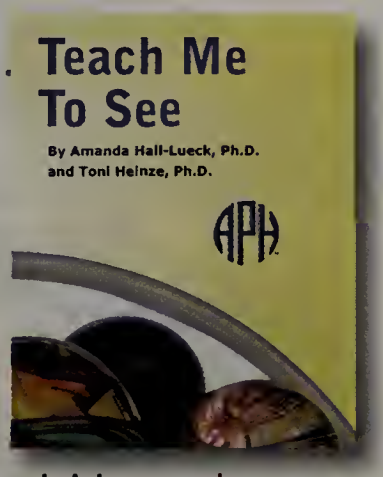
Pen shows size of RollBuster II mini-bags.

Comes in two kid-friendly styles. The **Mini-Duffel Bag** fits monoculars up to 4 inches in length and up to 1 1/2 inches in diameter. The **Mini-Backpack** fits monoculars up to 5 inches in length and up to 1 3/4 inches in diameter or a monocular which is oval or irregular in shape.

Bag has a strip of extra hook/loop material stitched to its underside to allow attachment to a flat surface.

RollBuster II
Mini-Backpack: 1-03196-00.....$5.00
Mini-Duffel Bag: 1-03197-00.....$5.00

Teach Me to See



Teach Me to See gives practitioners guidance on developing and carrying out activities that are functional and have meaning to each child. Watch children respond to simple stimuli in rich environments that promote their cognitive development and sharpen their visual skills. Listen to experienced teachers talk about orientation & mobility skills, immersive learning, visual development, and choice-making for their young students.

***Teach Me to See* consists of 4 videos on one DVD:**

1. Instructional Program
2. Visual Skills
3. Methodology
4. Activities and Outcomes

Approx. 68 minutes, closed captioned and subtitles

Teach Me to See **DVD: 1-30044-DVD.....$10.00**

PARTS ENVISION

The ENVISION training program uses stories and activities about Emmy the Emu and other high-interest characters to teach students to use optical devices. It covers skills such as tracing, tracking, and scanning, and includes enrichment activities and objectives for each lesson, as well as reports to the clinician.

There are two separate ENVISION programs, with each further divided into materials for younger and older students.

- **ENVISION I for Distance Devices** – simulates standard street signs, addresses, international symbols, and familiar objects.

ENVISION I w/Telescope Array includes:

- 2 large print teacher manuals for monocular telescopes: one for students 10 and younger, and one for students 11 and older
- Consumable materials packet with Clinician Report Forms, Student/Parent Interview Forms, and Certificates
- 48 distance cards
- Two "Emmy the Emu" puppets
- One Tote bag
- 1 each of these monocular telescopes: 2X, 4X, 6X, 8X, 10X in a foam-lined case

ENVISION I with Telescope Array: 1-08551-00.....$649.00

- **ENVISION II for Near Magnification Devices** – simulates graphics and print used in textbooks and literature.

ENVISION II w/Magnifier Array includes:

- 2 large print teacher's manuals for hand-held magnifiers: one for students 10 and younger, and one for students 11 and older
- Two student activity books
- Consumable materials packet with Clinician Report Forms, Student/Parent Interview Forms, and Certificates
- Two "Emmy the Emu" puppets
- Five *Mystery of the Magnifiers* comic books
- One Tote bag
- 1 each of these magnifiers: 1.6X, 4X, 5X, 7X, 10X in a foam-lined case

ENVISION II with Magnifier Array: 1-08552-00.....$574.00

ENVISION I

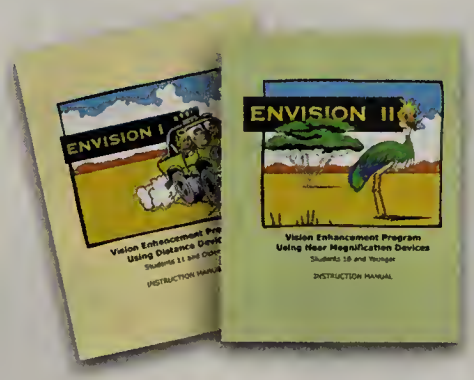
ENVISION II

ENVISION, cont.

Optional Items:

Braille Teacher's Instruction Manuals:

- ENVISION I, 10 and younger: 5-08551-01.....$28.00
- ENVISION I, 11 and older: 5-08551-02.....$26.00
- ENVISION II, 10 and younger: 5-08552-01.....$45.00
- ENVISION II, 11 and older: 5-08552-02.....$31.00



Replacement Items:

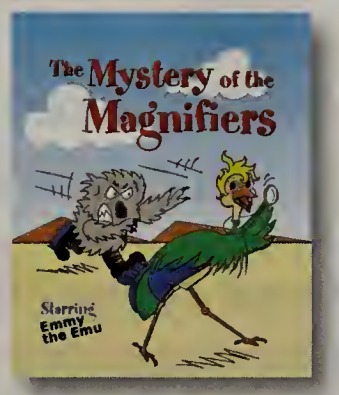
Print Teachers' Instruction Manuals:

- ENVISION I, 10 and younger: 7-08551-01.....$35.00
- ENVISION I, 11 and older: 7-08551-02.....$20.00
- ENVISION II, 10 and younger: 7-08552-01.....$35.00
- ENVISION II, 11 and older: 7-08552-02.....$35.00

Consumable Materials Packet (ENVISION I & II): 1-08551-01.....$32.00

ENVISION II Comic Book (set of five): 7-08552-05.....$11.50

ENVISION II Student Activity Binder:
10 and younger: 7-08552-03.....$59.00
11 and older: 7-08552-04.....$59.00



ENVISION I and *II* Homegrown Videos

These fun, 20-minute videos are a part of APH's *Homegrown Video Series*. They feature Emmy the Emu, and share information about how to use the ENVISION training program. The viewer will meet a low vision optometrist, a teacher of the visually impaired, a classroom teacher, and several students with low vision as they share the key elements of ENVISION and demonstrate its use. Closed captioned.

ENVISION I: For Distance Devices video: 1-30015-DVD.....$3.00

ENVISION II: For Near Magnification Devices video: 1-30016-DVD.....$3.00

Teen Scene: Portraits of Success Video

Starring four Kentucky teenagers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Our four stars will show you how it's done. Closed captioned.

1-30011-DVD.....$25.00

APHont: A Font for Low Vision

APHont™ (pronounced Ay'-font), was developed by APH specifically for low vision readers. APHont embodies characteristics that have been shown to enhance reading speed, comprehension, and comfort for large print readers. The entire APHont Suite (Regular, Bold, Italic, and Italic Bold) is **available free-of-charge** on the APH website.

Note: This copy is set in 18 pt. APHont. Features of this font include:

- Higher crossbars
- No serifs
- Wider letters
- Heavier letters
- Letters more open
- Larger punctuation marks

APH makes no claim that APHont is an appropriate font for children who are just learning to read.

How to Request APHont:

Before downloading APHont, users must validate that APHont will be used by or for visually impaired persons for non-commercial purposes. Visit **www.aph.org/products/aphont.html**

UltraLens

Black lights, which generate both UV and blue light, are sometimes used in vision development activities. UltraLens glasses screen out 100% of UV and blue light while still allowing the wearer to see the "glow" of materials as they fluoresce. A soft case is included with each UltraLens.

Note: *Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.*

UltraLens:

Infant with Headstrap: 1-08177-00.....$25.00

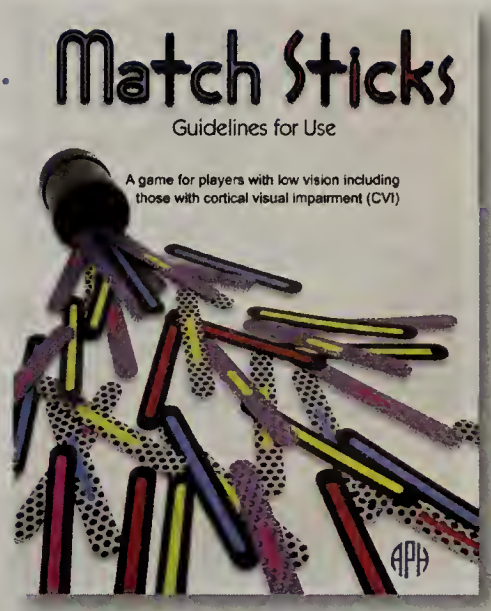
Jr. with Headstrap: 1-08176-00.....$25.00

Jr. Clip-On (for the child who wears glasses): 1-08178-00.....$22.00

Adult (can be worn alone or over glasses): 1-08175-00.....$10.00

New!

Match Sticks



The Match Sticks game is designed to provide children in Phases II and III of the CVI Range Assessment* with a matching activity that is fun and entertaining and that helps develop vision skills.

Children for whom this game would be appropriate:

- At least 5 years of age
- Currently in Phase II or Phase III according to the CVI Range Assessment*
- Able to recognize a particular color among other colors
- Have emerging matching skills

Match Sticks Kit Includes:

- Drawstring bag
- *Guidelines for Use* booklet
- Cylindrical cup
- Hook adhesive dots
- Three sets of Match Sticks:
  - Phase II Match Sticks have a long, brightly colored stripe on a noncomplex background.
  - Phase II Advanced Match Sticks have a medium length, brightly colored stripe on a black and white patterned background.
  - Phase III Match Sticks have a short, brightly colored stripe on a complex multicolored background.

Phase II

Phase II Advanced

Phase III

Use the following APH products to play with and display Match Sticks:

- All-In-One Board
- All-In-One Board Student Model
- Invisiboard
- Tri-fold Board
- Felt Board
- Small black Work-Play Tray
- Small yellow Work-Play Tray
- Large black Work-Play Tray
- Large Yellow Work-Play Tray

The *Guidelines for Use* booklet provides a full description of game prerequisites, components of the game, set-up and directions for play, modifications for game play, alternate play options, and vision skill goals.

Recommended ages: 5 years and up.

Match Sticks: 1-08157-00.....$94.00

*Roman-Lantzy, C. (©2007). Cortical Visual Impairment: An Approach to Assessment and Intervention. American Foundation for the Blind Press.

PARTS Seated Parquetry Set

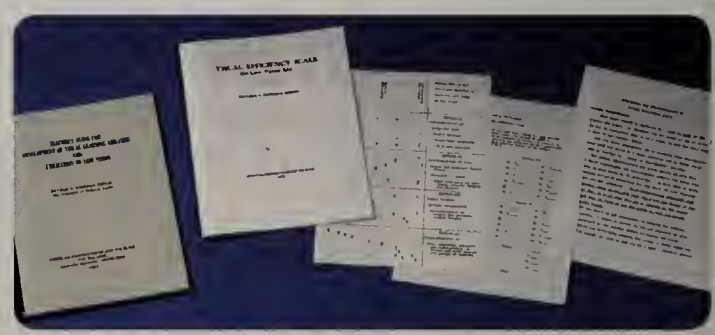
Stimulates use of residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place.

Recommended ages: 3 years and up.

Seated Parquetry Set: 1-03650-00.....$135.00

Materials on Utilization of Low Vision (ULV) – Diagnostic Kit

Designed to determine if a student's residual vision is being fully utilized. Consists of two kits purchased separately.



Recommended ages: 5 years and up.

Materials on Utilization of Low Vision (ULV)
Teacher's Kit: 8-50600-00.....$21.00
Visual Efficiency Scale Kit: 8-50590-00.....$49.00

Invisiboard

Block out distractions for students with CVI. This portable, lightweight 48 x 30 inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, Velcro®-compatible material on the other. Includes carrying case and print/braille manual.

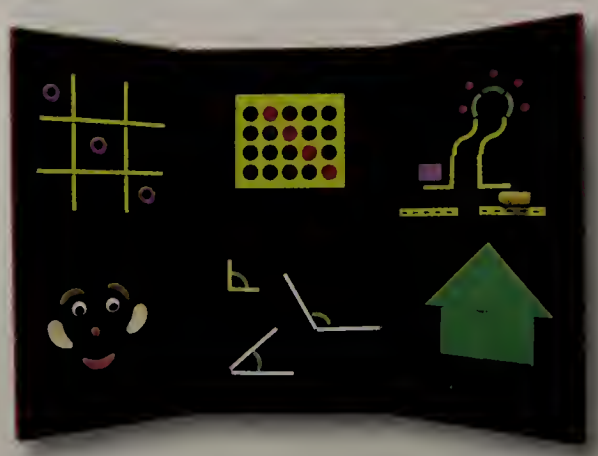
Invisiboard: 1-08541-00.....$152.00

Note: *Tic-Tac-Toe Accessory kit and Invisiboard sold separately.*

Optional Item:

Tic-Tac-Toe Accessory Kit: 1-08542-00.....$16.00

Consists of five each of red and yellow "X" and "O" Velcro®-backed pieces, along with red and yellow Tic-Tac-Toe grids. Can be used with or without the Invisiboard.



Note: *Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.*

Tri-fold Board

This board measures 37 x 24 inches and is covered with Velcro®-compatible material that can be used in combination with many existing APH hook Velcro-backed pieces (e.g., Picture Maker Accessories), as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

The Tri-fold Board offers an intermediate size between APH's Velcro-compatible Picture Maker 13 x 20 3/4 inch felt board and the larger 48 x 30 inch Invisiboard.

Tri-fold Board: 1-08859-00.....$62.00

Light Boxes

When they are used with unique sets of materials, APH's Light Box and Mini-Lite Box help develop awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Light Box

The Light Box has a lighted translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control to meet the needs of individual students.

Can be used flat or tilted at three angles. Built-in ledges hold overlays in position. Cool, fluorescent bulb is housed in a tough plastic body measuring 25 x 15 x 5 inches. Includes cover.

*Adapter accepts power from 110VAC to 220VAC. Customer must supply a physical converter that changes a U.S.-style wall plug to a plug compatible with their electrical system.

Recommended for all ages.

Light Box: 1-08669-00.....$460.00

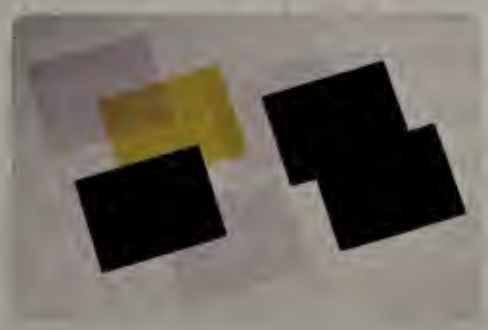
Replacement Item:
Power Supply, Light Box: 45-052-084.....$55.60

Mini-Lite Box

APH's Mini-Lite Box is smaller, lighter, and more affordable than its full-size cousin, the Light Box. The Mini-Lite box is usable at a student's desk or on his/her lap. Individual items from Light Box Materials Levels I, II, and III can be used with the Mini-Lite Box.

An optional Mini-Lite Box **Carrying Case** is available. It is made of a tough canvas-like nylon and has roomy pockets to hold overlays and other materials.

Also available separately are Mini-Lite Box **Transparent Overlays**. Set includes one clear, four color, and a sheet of clear, flexible plastic. The color overlays may be used to promote light awareness; improve contrast and visibility; and introduce color matching. The clear overlay may be used with black and color markers. The flexible overlay offers a slip-resistant surface for acrylic materials.



Mini-Lite Box: 1-08661-00.....$135.00

Optional Items:

Mini-Lite Box
Carrying Case: 1-08668-00.....$20.00
Transparent Overlays: 1-08662-00.....$21.00

Replacement Item:

AC Adapter/Recharger: 1-08661-05.....$8.50

Light Box Materials Activities Guides

The Light Box Materials listed on the next two pages include Activity Guides. These guides have sections on Cortical Visual Impairment (CVI), references to products, and increased accessibility. Light Box Materials Activities Guides are available in English and Spanish.

Activity Guides for all three levels may include a number of Activity Sheets. These are no longer provided as printed pages, but can be printed out from the CD.

Note: Most Light Box Materials in all three levels can be used with the Mini-Lite Box.

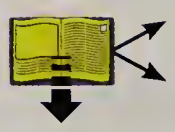
PARTS Light Box Materials: Level I

Materials help teach basic visual skills, eye-hand coordination, and simple matching skills.

Recommended ages: birth to 4 years.

Light Box Materials: Level I: 1-08670-00.....$424.00

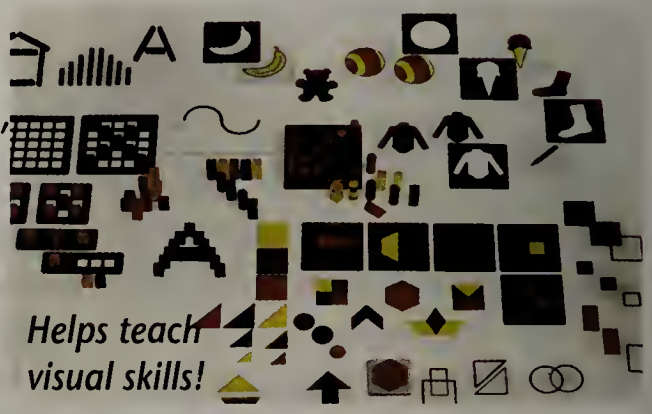
Activity Guide for Level I only:



Optional Item: Large Print/CD, Spanish: 7-08670-SP.....$30.00

Replacement Item: Large Print/CD, English: 7-08670-00.....$30.00

PARTS Light Box Materials: Level II



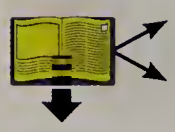
Helps teach visual skills!

Helps teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills.

Recommended ages: 3 to 5 years.

Light Box Materials: Level II: 1-08680-00.....$681.00

Activity Guide for Level II only:



Optional Item: Large Print/CD, Spanish: 7-08680-SP.....$45.00

Replacement Item: Large Print/CD, English: 7-08680-00.....$45.00

PARTS Light Box Materials: Level III

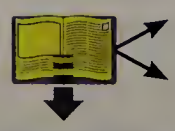
Light Box sold separately.

Help students develop: prewriting & handwriting, matching & sorting, recognition & identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships.

Recommended ages: 4 to 6 years.

Light Box Materials: Level III: 1-08690-00.....$763.00

Activity Guide for Level III only:



Optional Item: Large Print/CD, Spanish: 7-08690-SP.....$59.00

Replacement Item: Large Print/CD, English: 7-08690-00.....$59.00

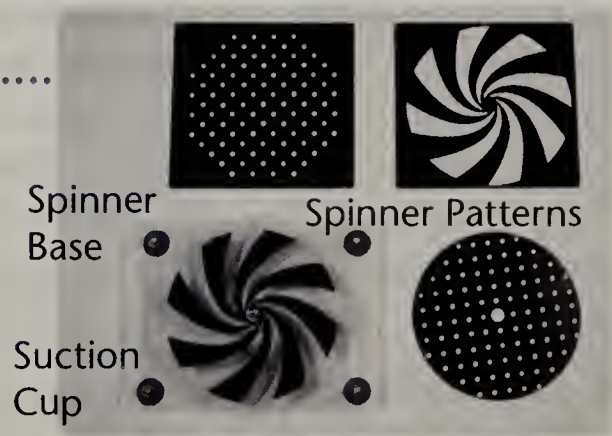
Separate Sets Available from Light Box Materials Levels I and II

Each item is accompanied by sheets of activities grouped by skill. Can be used with Mini-Lite Box.

Plexiglas® Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

1-08664-00.....$67.00



Plexiglas® Blocks

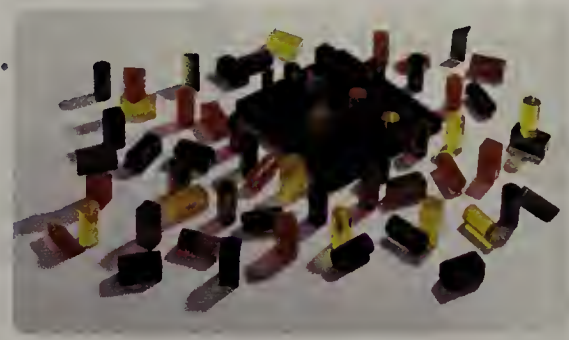
Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

1-08663-00.....$39.00

Pegs and Pegboard

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

1-08665-00.....$179.00



Familiar Object Pictures

Colored transparent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

1-08666-00.....$54.00

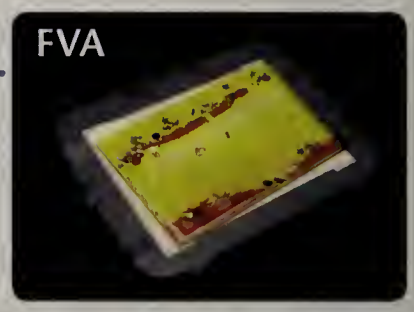
Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

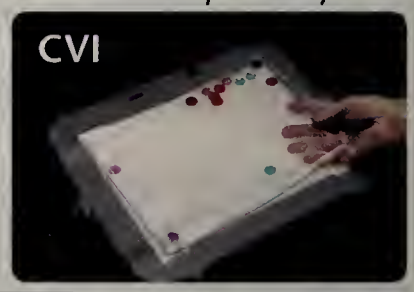
1-08667-00.....$30.00

Swirly Mat™ Sets

Durable, non-toxic Swirly Mats come in two sets: **Cortical Visual Impairment (CVI)** and **Functional Vision Assessment (FVA)**. The mats in the CVI set are less complex and are designed for students with cortical visual impairment. The mats in the FVA set are more complex and are useful for conducting functional vision assessments. Both mats can be used for locating, tracking, color discrimination, etc. Try them with APH's Mini-Lite Box (sold separately) for a different effect. Each set includes white background mat, print and braille instructions, and a plastic carrying case.



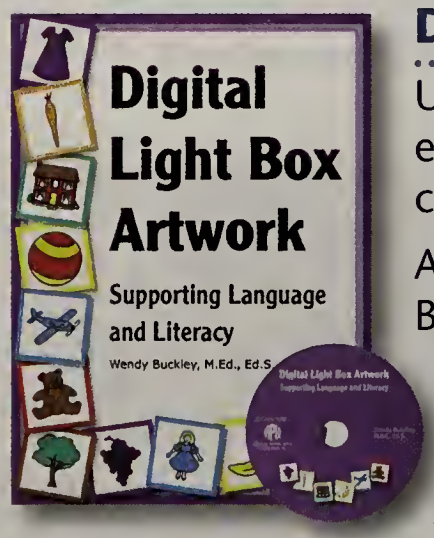
Mini-Lite Box sold separately



Swirly Mat Set:
CVI: 1-08153-00.....$61.00
FVA: 1-08154-00.....$51.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

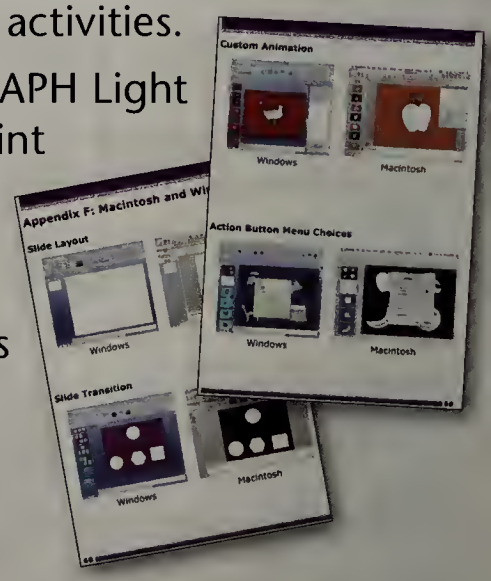
Note: *Always provide adult supervision when using Swirly Mats with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.*



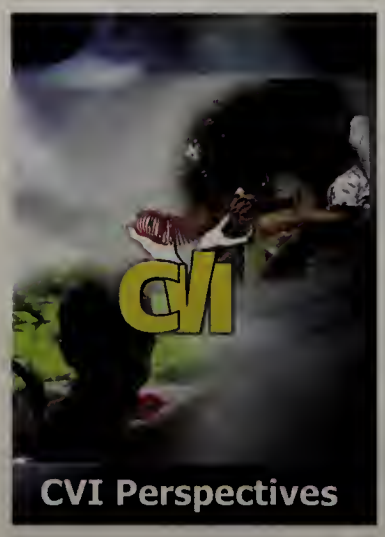
Digital Light Box Artwork

Use Digital Light Box Artwork (DLBA) with your software to provide extension activities for the Light Box and/or provide familiar images for children who transition from Light Box to computer activities.

APH has digitized the individual art pieces from the APH Light Box Materials for use on the computer! The large print instruction guide teaches how to create activities for cause & effect, choice making, and multiple-choice. The artwork can be used with many commercially available authoring programs, such as Clicker 5® and Boardmaker®. The artwork files are .png format.



Digital Light Box Artwork, Large Print Guidebook with CD-ROM: 1-08691-00.....$40.00



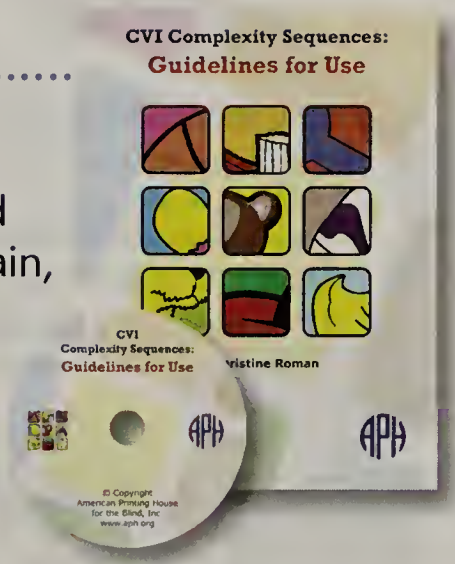
CVI Perspectives Video

This video explores cortical visual impairment (CVI) from three perspectives: medical, educational, and personal.

Neonatologist Dr. Alan Lantzy presents a medical perspective on the causes of CVI. APH CVI Project Leader Dr. Christine Roman presents an educational perspective focusing on characteristics and recommended approaches. Finally, seven families talk about their personal experiences from the difficulty of the diagnosis to finding help and hope.

***CVI Perspectives* Video: DVD: 1-30014-DVD.....$25.00**

CVI Complexity Sequences Kit



APH's CVI Complexity Sequences Kit includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Includes

- Ten sets of 8 Sequence Cards
- Three-ring binder
- Blackout window to isolate the target image
- Guidebook in large print and on CD-ROM in accessible formats

Recommended ages: Preschool and up.

Note: Braille Guidebook available separately.

CVI Complexity Sequences Kit: 1-08156-00.....$53.00

Replacement Item

CVI Complexity Sequences Guidebook, Large Print: 7-08156-00.....$10.00

Optional Item

CVI Complexity Sequences Guidebook, Braille: 5-08156-00.....$16.00

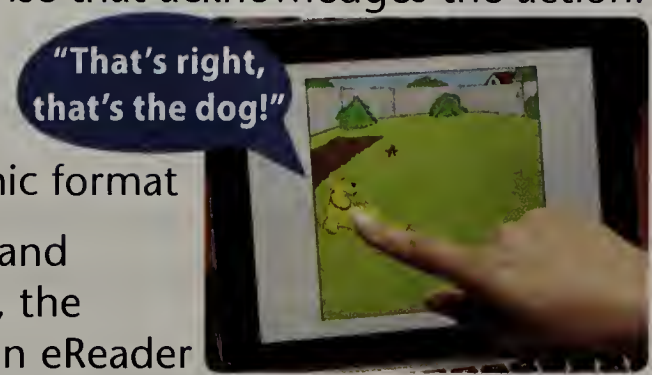
New!

CVI Complexity eBook and Interactive Cards

CVI Complexity Sequences eBook and Interactive Cards has the same information and content as the CVI Complexity Sequences Kit. The eBook edition also includes an interactive feature: successfully touching the target image results in an audio response that acknowledges the action.

Digital Edition Includes

- Guidebook, electronic format
- Same ten sets of eight images as the print kit, in an electronic format



CVI Complexity Sequences eBook in use on an iPad®.

In addition to tablet devices, CVI Complexity Sequences eBook and Interactive Cards can be used on Macs and on PCs. At this time, the audio feature is not supported by all eReaders. To determine if an eReader supports the interactive feedback, ensure it supports EPUB 3.x format or newer.

Recommended ages: Preschool and up.

CVI Complexity Sequences eBook and Interactive Cards: D-03610-ED.....$9.95

Notes About EPUB Files:

To purchase this EPUB digital publication, please contact the APH Customer Service Department. This publication cannot be ordered directly using the APH Shopping Site. Once ordered, you will receive an email containing a link to download the publication.

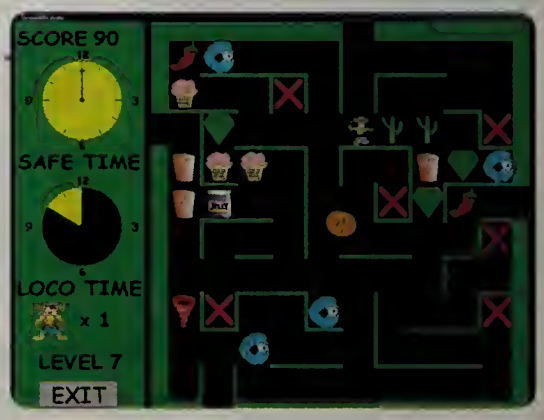
- If you click on this link from an iOS or Android device, the title will open in iBooks or Play Books.
- On Windows or Linux, you will need to download and install an EPUB reader before you can read this title, such as the Readium extension for the Chrome Browser.
- On the Mac, iBooks will open the title.
- Adobe Digital Editions is a reasonable choice for reading most EPUB files in Windows, but it does not support the interactive features built into this particular title, although the text reads correctly.

APH Software System Requirements

Requirements to run: PC running Windows® 98 or later. Software requires a sound card, speakers, and CD-ROM drive.

Find detailed software purchasing instructions in the "How to Order" section, **pg. 209.**
Download APH Software Demos at **http://tech.aph.org**

Armadillo Army™ Software

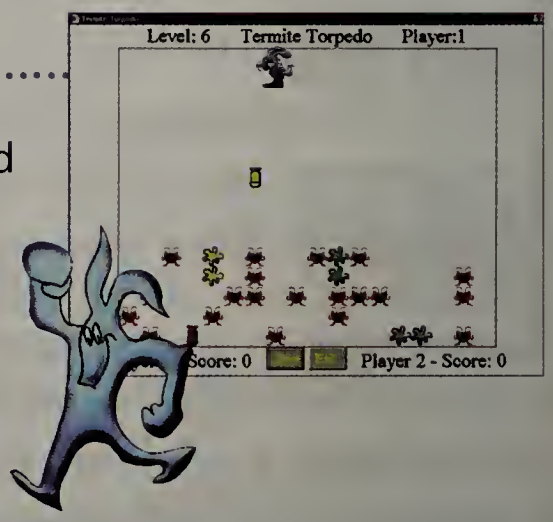


Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination. The game has bright, large graphics, as well as meaningful sound elements.

Students who are blind can play the game using its sound cues.

Armadillo Army Software:
CD-ROM: D-03400-00.....$49.00
Digital Download: D-03400-ED.....$39.00

Termite Torpedo™ Software



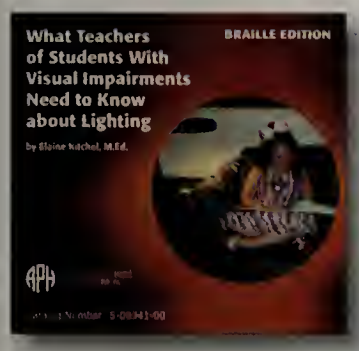
An educational game that gives low-vision students practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

Termite Torpedo Software:
CD-ROM: D-03470-00.....$39.00
Digital Download: D-03470-ED.....$39.00

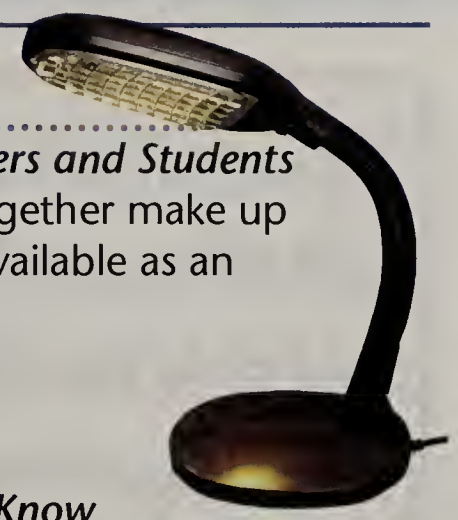
Toodle Tiles: Emmy's Town™ Software

Toodle Tiles: Emmy's Town is based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets.

Toodle Tiles: Emmy's Town Software:
CD-ROM: D-00300-00.....$49.00
Digital Download: D-00300-ED.....$39.00



Lighting Guide Kit with Better Vision Lamp



The Better Vision Lamp and large print book, ***What Teachers and Students With Visual Impairments Need to Know about Lighting***, together make up the Lighting Guide Kit. The braille edition of the book is available as an optional purchase or as a free download at:
www.aph.org/manuals/index.html

Lighting Guide Kit: 1-08941-00.....$138.00

Optional ***What Teachers and Students With Visual Impairments Need to Know about Lighting,*** **Braille (hard copy, made to order): 5-08941-00.....$16.00**

Replacement Items:

What Teachers and Students With Visual Impairments Need to Know about Lighting,
Large Print (Book only): 7-08941-00.....$12.00

Better Vision Lamp Bulb: 45-041-002.....$18.20

Note: The Better Vision Lamp was specially developed to provide the best light possible for students with visual impairments. This energy-saving lamp gives off light that doesn't cause photo stress in most people with retinal, corneal or lens disease/injury, or cortical visual impairment. Lamp uses a special 27 watt, 2700K, compact fluorescent tube which emits no blue or ultraviolet light. ***Lamp is not available separately.***

Lighting Guide Kit Homegrown Video

In this *Homegrown Series* DVD, APH Low Vision Project Leader Elaine Kitchel discusses the research behind the development of the Better Vision Lamp.

Elaine and other Lighting Guide Kit users discuss the types of tasks they enjoy while using the lamp – from doing homework, completing reading assignments and paying the bills, to hooking a rug, making jewelry, and looking at photos – as well as some of the benefits, like less eye fatigue and being able to work longer and more efficiently.

Runs approximately 19 minutes. Closed Captioned.

Lighting Guide Kit **Video: 1-30018-DVD.....$10.00**

All children have different eyes: Learn to play and make friends

A beautifully illustrated large print hardbound storybook about two children with low vision, written for elementary age students. It serves as a model for children with visual impairment on how to confidently play and make friends while facing difficult social challenges, such as answering questions about their condition, entering play groups, or handling limitations. Over 40 examples and activities transform the engaging stories into an interactive workbook for parents and teachers.

All children have different eyes, **Large Print: 8-00070-00.....$18.95**

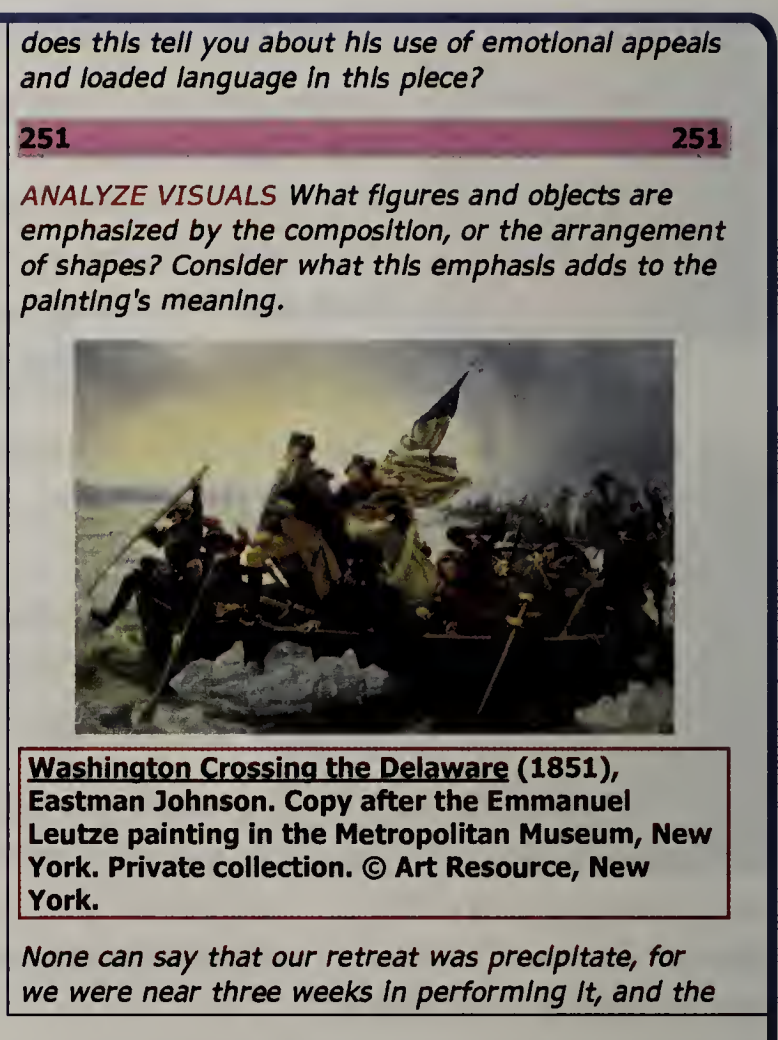
Not available with Quota funds.

Textbooks in Large Print, Braille, and Digital Formats!

APH Accessible Textbooks Dept.

- **Large Print:** full-color, standard textbook size, 18 point minimum font size
- **Digital Large Print textbooks!**
- **Image Descriptions:** available in many large print digital files available from the APH File Repository!
- **Braille:** unique, easy-to-handle fold-back binding or electronic files
- **Tactile Graphics Image Library (TGIL):** free database of image templates to help you create tactile graphics faster: **www.aph.org/tgil/**
- **To order:** visit **www.aph.org/atic/** or email **atic@aph.org** – place orders for new textbook titles via mail, fax, or email
- **Questions?** 1-800-223-1839, **ext. 371**

Note: Please refer to our UEB transition statement at **www.aph.org/atic/**

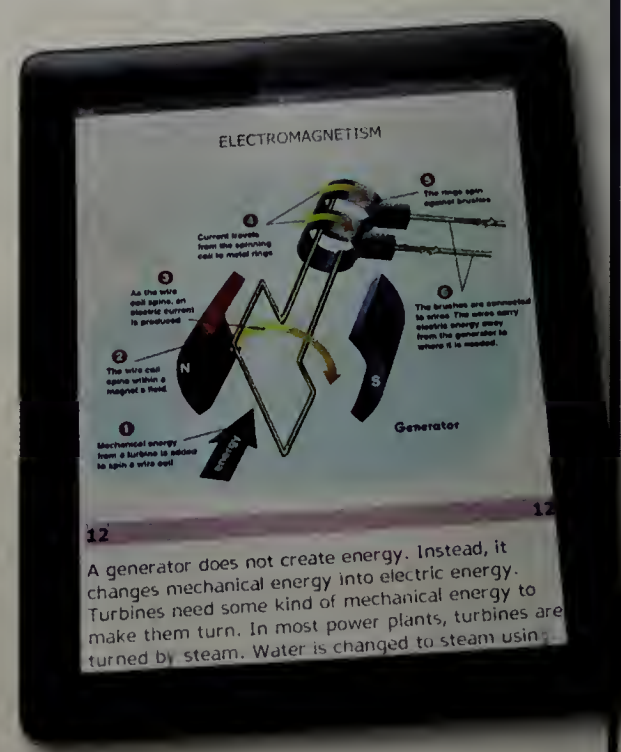

does this tell you about his use of emotional appeals and loaded language in this piece?

251 251

ANALYZE VISUALS What figures and objects are emphasized by the composition, or the arrangement of shapes? Consider what this emphasis adds to the painting's meaning.

Washington Crossing the Delaware (1851), Eastman Johnson. Copy after the Emmanuel Leutze painting in the Metropolitan Museum, New York. Private collection. © Art Resource, New York.

None can say that our retreat was precipitate, for we were near three weeks in performing it, and the



Check the ***Louis*** Database (see ad on **pg. 124**)

Expanded Core Curriculum:

Orientation and Mobility (Concept Development)

Orientation and Mobility

This is a vital area of learning, which requires delivery by teachers with specific preparation. It emphasizes the fundamental need and basic right of visually impaired people to travel as independently as possible, enjoying and learning to the greatest extent possible from the environment through which they are passing. Students will need to learn about themselves and the environment in which they move — from basic body image to independent travel in rural areas and busy cities.

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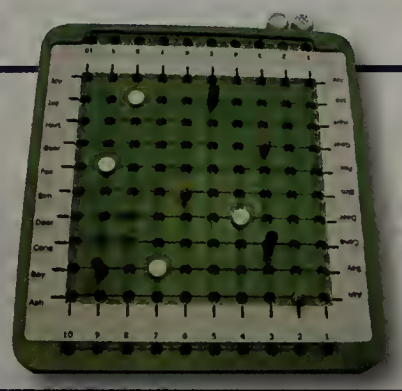
Learn O&M Concepts the Fun Way!

TREKS: The Game of Compass Directions is a fun way for students to learn cardinal directions and other O&M concepts.

See **pg. 170**



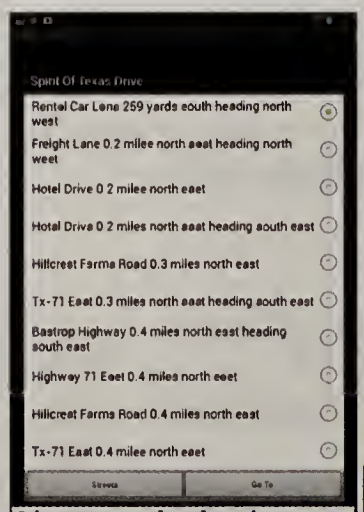
Nearby Explorer™ Android App

APH's first individually-sold mobile application for Android! We offer a number of applications bundled as a part of our popular Android-based Braille Plus 18™ mobile manager, including Nearby Explorer. Now you can purchase this powerful location exploration app separately for use on your Android phone!

Nearby Explorer includes built-in maps covering millions of points of interest in the U.S. and Canada. It uses GPS and your phone's compass to speak real-time information about your surroundings.

Note: Street addresses are approximate relative to your position. They are calculated using a relative distance from the beginning to the end of a block, so house numbers may not be exact.

Map mode displays a visual map on screen.



Lists nearby businesses and points of interest.

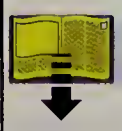
Requirements to Run on your Android Device:

- Android 2.2 or higher
- Android mobile device with GPS enabled
- At least 3GB of free memory for locally stored maps

Note: A built-in compass is not required, but will add additional functionality.

Installation Instructions:

For information on installing Nearby Explorer on your Android device, please visit the APH Tech Page at: **http://tech.aph.org/ne_doc.htm#Installation**



Nearby Explorer, Android Smart Phone App: D-20000-AN.....$99.00

Note: *This app cannot be purchased directly from the APH shopping site.*

Nearby Explorer is available for purchase in two ways:

- Via the **APH File Repository**, a part of APH's Louis Database
- Via the **Google Play** site

WARNINGS:

⚠ *Nearby Explorer should be used along with a human guide, dog guide, or cane because it does not provide sufficient information to act as a substitute for your preferred O&M method.*

⚠ *When assisting in navigating, please ensure that the driver is paying attention to the actual streets, as the mapping information in Nearby Explorer may be somewhat out of date.*

To Purchase from the APH File Repository:

Direct link: **http://louis.aph.org/product/Nearby-Explorer,142793.aspx?FormatFilter=8**

For general information about registering and purchasing files from the APH File Repository, please visit: **http://louis.aph.org/pages/AboutE_Files.aspx**

Note: Nearby Explorer IS available with Federal Quota funds! *All Quota purchases must be made via the APH File Repository, the Google Play site cannot be used for Quota purchases.*

To Purchase from the Google Play Application site:

Direct link: **https://play.google.com/store/apps/details?id=org.aph.avigenie**

For general information about registering and purchasing files from Google Play, please visit: **https://play.google.com/store/apps**

PARTS Tactile Town: 3-D O&M Kit

Tactile Town provides an interactive, 3-D model to help teach spatial concepts and environmental layouts.

This kit assists in the development of cognitive mapping skills by helping students who are visually impaired and blind perceive and organize their physical environment. It encourages active participation and interaction.

By providing a wide variety of components that can be easily customized or extended, Tactile Town is an ideal starter kit for instruction and reinforcement of mapping skills and concepts.

Note: Strips of black hook Velcoins are provided for customer-application of some pieces.

Recommended ages: 5 years and up.

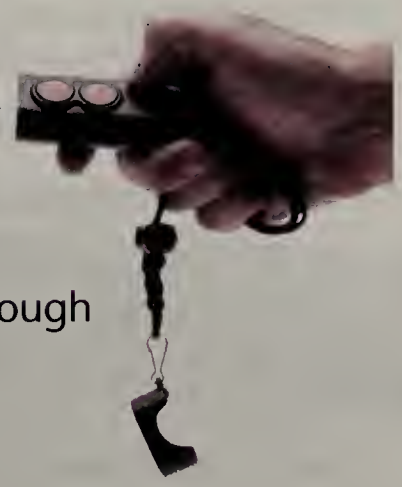
Tactile Town: 3-D O&M Kit (includes Teacher's Guidebook, Large Print): 1-03135-00.....$479.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Optional Item: Teacher's Guidebook, Braille: 5-03135-00.....$36.00

Replacement Item: Teacher's Guidebook, Large Print: 7-03135-00.....$34.00

Miniguide US



Uses ultrasound to detect objects, and gives tactual or auditory feedback by vibrating or chirping more rapidly as you approach an object. Ideal for use by deafblind persons.

When used with a cane or dog guide, the Miniguide US can help find paths through crowds at ranges from 20 inches to 26 feet.

Miniguide US:
with Print User's Guide: 1-07006-00.....$545.00
with Braille User's Guide: 1-07007-00.....$421.00

Note: *The Miniguide US should be used along with a human guide, dog guide, or cane because it does not detect drop-offs and does not provide sufficient information to ensure safety.*

Miniguide Reference Sheet:
Large Print: 45-202-025
Braille: 45-202-026

Try Before You Buy Software!

FREE APH Demo Disc!

APH offers a Demo Disc containing full demo versions of many of our popular software products. The disc also contains accessible editions of our Products Catalog. Ask for one today! **1-800-223-1839.**

New!

Step-by-Step: An Interactive Guide to Mobility Techniques

Developed by Dr. Sandra Rosen, Step-by-Step guides the user in strategies to identify and correct mobility errors commonly made by new learners.

Features

- Textbook to teach mobility techniques to O&M students in university programs
- Manual for Teachers of the Visually Impaired (TVIs) and Certified Vision Rehabilitation Therapists (CVRTs) that covers mobility techniques that are within their scope of practice
- Reference and review guide for O&M instructors
- Tool to help professionals, families, and friends of persons with visual impairments understand and support performance of mobility skills

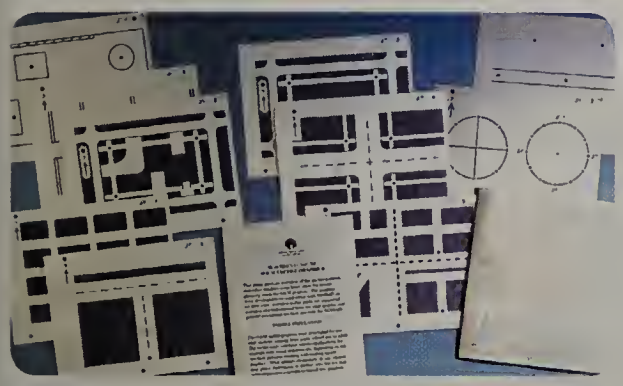
Step-By-Step Includes

- **Seven Study Guides:** Designed for in-depth study, each spiral bound volume describes in words and pictures how to perform mobility techniques for a given learning module; provides strategies for choosing teaching environments; lists prerequisite and related skills; and includes instructional strategies.
- **Seven Review Guides:** Each spiral bound volume provides "Keywords" and memory hints along with a picture for performing each step in a technique.
- **Introduction and Appendices:** Spiral bound volume includes a glossary of terms, a matrix of prerequisite and related techniques, and much more.
- **User's Guide for Flash Drive Videos:** Booklet explains how to run and use interactive videos.
- **URL for downloading all text materials:** All text materials can be stored and viewed on computers, smartphones, or tablets.
- **Video flash drives:** One 32 GB flash drive for Macs and another for PCs include interactive videos of each technique that can be viewed one step at a time or as a whole. Videos interactively depict performance errors commonly made by those who are learning to travel and measures to correct these errors.

Step-By-Step: A Guide to Mobility Techniques: 8-75980-00.....$299.00

Note: While only O&M specialists should teach the 30 techniques included in Long Cane Techniques, Street Crossing Techniques, Special Environments, and Transportation Techniques modules, teachers of students with visual impairments, vision rehabilitation therapists, and other professionals, family members, and friends may wish to learn, as appropriate, some of the 23 techniques included in Human Guide Techniques, Non-Cane Techniques, and Special Techniques modules.

ATTENTION FLASH DRIVE USERS: *Open and read the "Read Me First" pdf after inserting flash drive into your computer. After opening any module folder, click ONLY the file labeled "0 Double-Click to Start on PC" or "0 Double-Click to Start on Mac".* ***DO NOT OPEN ANY OTHER FILE ON THE FLASH DRIVES.*** *Opening any other file in the menu will corrupt the Step-By-Step program and render it permanently unstable.*



O&M Tactile Graphics

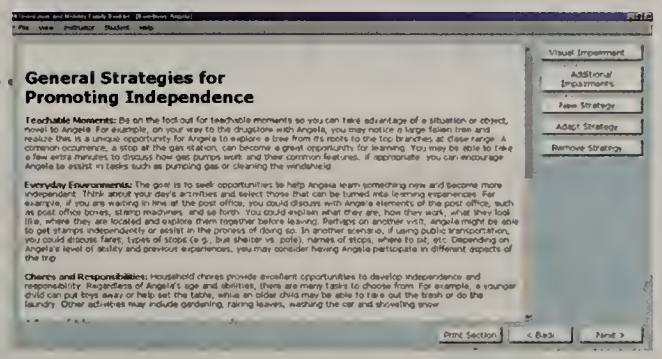
Helps teach orientation and mobility concepts: compass directions, clock locations, and navigating outside and inside.

Teacher's Guide gives basic ideas for lesson planning using the graphics, suggested concepts, and instructional hints.

Recommended ages: 8 years and up.

1-20100-00.....$46.00

O&M Family Booklet Software



O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

Features:

- Explain the meaning and importance of O&M skills for the student in your own words
- Show the impact of the eye condition and visual functioning on the student's O&M
- Describe the student's O&M goals for the coming year
- Offer general ideas to the family about how they can foster the student's independence

O&M Family Booklet software:
CD-ROM: D-03480-00.....$50.00

Digital Download: D-03480-ED.....$50.00

Denver the Guide Dog Video

Produced by the Discovery Channel cable network for their Animal Planet® Pet series, this video is for anyone who'd like to know more about guide dogs or would just like to meet Denver.

Celebrate with Heathcliff as he's honored after twelve faithful years of service, and meet the new kid on the block – Denver. In this episode see how Denver got his start, "made the cut" at guide dog school, and was matched with Gary. Be amazed as you watch how hard the two of them have worked to become the team they are.

***Denver the Guide Dog* Video: 1-30010-DVD.....$15.00**

Picture Maker Homegrown Video

Product creator Patty Wheatley offers many tips and tricks for using the Picture Maker in all areas from classroom to everyday life. Approximately 14 mins. Closed captioned.

DVD: 1-30008-DVD.....$2.00

PARTS Picture Maker: Wheatley Tactile Diagramming Kit

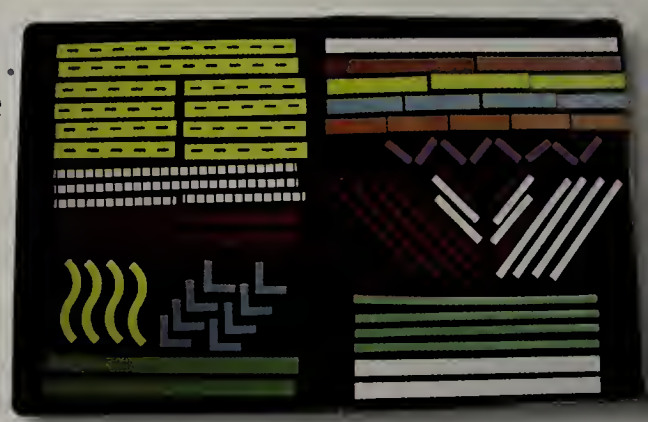
This fun, colorful tactile board includes a felt covered board measuring 20 3/4 x 13 inches, and a wide variety of Velcro®-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra "hook" Velcro material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

Picture Maker Kit: 1-08838-00.....$122.00

Replacement Guidebook (large print/braille):
6-08838-00.....$23.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Picture Maker: Textured Strips

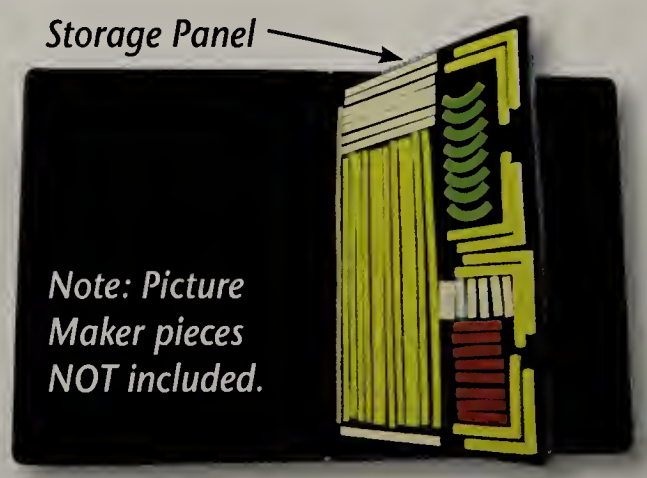


Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

1-08838-02.....$83.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Picture Maker felt board NOT included with Textured Strips.



Picture Maker: Storage Panel

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black Veltex® material, 3-hole punched edge, and customer-applied Velcro® hook tabs.

1-08838-03.....$19.00

Picture Maker: Geometric Textured Shapes

Note: *Some parts you receive may vary slightly from those depicted in photo. Felt board NOT included with Textured Shapes.*

Provides additional Velcro®-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Velcro/Dry Erase).

1-08838-01.....$54.00

Related Product:
All-In-One Board: 1-08836-00.....$147.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Expanded Core Curriculum:

Assistive Technology and Electronics

Technology

Technology is a tool to unlock learning and expand the horizons of students. It is not, in reality, a curriculum area, but it is added to the expanded core curriculum because of the special place it occupies in the education of students who are blind and visually impaired. Technology can be a great equalizer. It enhances communication and learning and expands the world of blind and visually impaired persons in many significant ways.

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APH Annual Meeting: Inspire, Energize, Connect!

Each October, APH holds the federally mandated **Annual Meeting of Ex Officio Trustees and Special Guests**. Since 1879, blindness field professionals have traveled to Louisville, Kentucky to connect with colleagues.

Participants learn about new products, share input on upcoming products, and help guide the direction of the APH. Special Guests include teachers, parents, consumers, university program personnel, and other service providers.

For more information, visit **www.aph.org** or contact Janie Blome at **jblome@aph.org**

New!

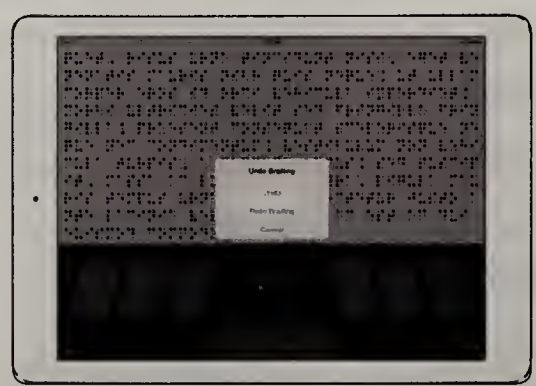
Visual Brailler™ App for iPad® – Free app!

The *simple* braille editor! Visual Brailler is a braillewriter for your iPad, and it has a place in every braille transcriber's toolbox. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work, which makes Visual Brailler perfect to use for on-the-go practice for NLS certification exercises. Visual Brailler supports any code you wish to use, because it makes no assumptions about what you are writing. Use it to help learn new codes, such as Unified English Braille (UEB), and record your progress.

For transcribers who are blind, Visual Brailler also works with Bluetooth refreshable braille displays with keyboards, such as APH's Refreshabraille 18.

Features

- 6-dot braille on-screen keyboard
- Support for any and all 6-dot braille codes
- An indefinite number 40-cell braille lines
- Cut, copy, and paste braille manipulation
- Compatible with refreshable braille display input and output devices
- BRL (unformatted) and BRF (formatted) braille file export



UEB

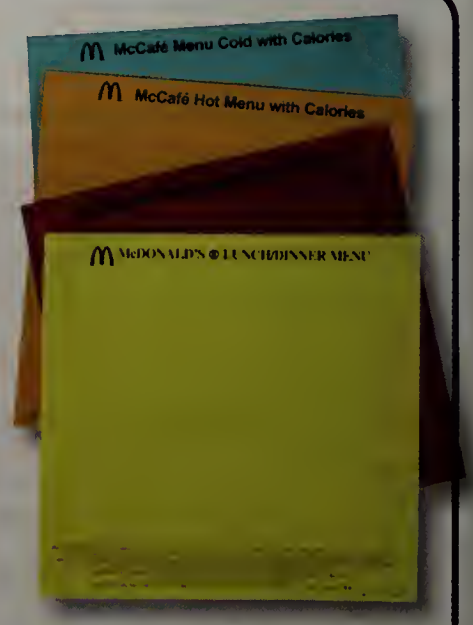
Visual Brailler is FREE and available on the App Store at **https://itunes.apple.com/app/visual-brailler/id888739587**

Available on the App Store

Apple is a registered trademark of Apple Inc.

Do Your Clients, Customers, Shareholders, or Employees Need Accessible Materials?

APH Can Custom-Make Them for You!



APH can create **audio, enlarged print, large print, braille, tactile graphic materials, and electronic files** on demand—YOUR demand! Our state-of-the-art processes and exacting standards allow us to create custom materials such as:

- Financial statements
- Corporate reports
- Invoices
- Marketing materials
- Newsletters
- Schedules
- Training manuals
- Floor plans
- Tests

For a no-obligation cost estimate on your next project, call **APH Contract Administration Dept.** at **1-800-223-1839** or email: **contracts@aph.org**

These headphones are compatible with Book Port Plus!

Stereo Headphones

Work directly with the Handi-Cassette II. A stereo to mono adapter plug is required to use these headphones with older monaural players such as the discontinued Table Top Recorder/ Player or original Handi-Cassette.

PrivatePhones (stereo with fully enclosed earpads, 3.5 mm plug): 1-07088-00.....$21.00

Stereo Headphone (small foam earpads, 3.5 mm plug): 1-18986-00.....$14.50

Listening Post III

This audio splitter box allows you to connect up to four pairs of headphones to one sound source. Selector switch allows you to use either mono or stereo headphones, eliminating the need for stereo to mono adaptor plugs. Includes two 3-foot cords with 3.5 mm plugs.

1-00941-01.....$75.00

Compatible with Book Port Plus!

Book Port Plus™

Read Digital Talking Books, play digital audio, play internet radio, download podcasts, read computer files, and make superb recordings. Book Port Plus represents the latest generation of accessible media player/recorders. Its ability to create Digital Talking Book recordings is unique.

Book Port Plus dimensions are: 4.4 x 2.2 x 0.6 inches and it weighs 3.9 oz. The included cables let you either connect the unit to a PC to transfer files, or connect to an NLS Digital Talking Book cartridge.

Book Port Plus: 1-07191-00.....$329.00 + shipping

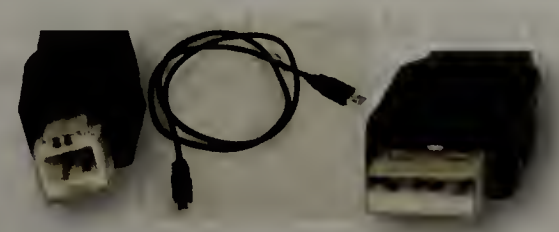
SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

Built-in Wi-Fi lets you play internet radio or download podcasts!

Replacement Items:

AC Adapter, O-Type: 1-07192-00.....$18.50
Battery, Lithium-Polymer: 1-07194-00.....$26.00
Battery Door: 1-07193-00.....$2.00
Cable, Mini AB-Short USB: 1-07195-00.....$5.00



Digital Talking Book Cartridge

This blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players.

Features

- Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books (you must be an authorized NLS user). The cartridge can then be disconnected from your PC and plugged into an NLS digital player to play back the downloaded material.
- Large capacity: this 4GB blank cartridge will hold approximately 20 NLS Talking Books or hundreds of Daisy Text Files. Cartridge is green in color.

Also available are Digital Cartridge Mailers. Each mailer holds one cartridge for safe transport, storage, or mailing. Has a slot for a mailing label. Embossed: "Free Matter for the Blind or Handicapped". Made of durable gray plastic.

For more information about National Library Service digital talking books, please visit **http://www.loc.gov/nls/digital.html**

Cartridge inside mailer (each sold separately)

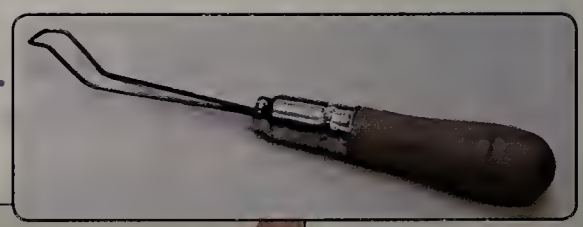
Digital Talking Book Cartridge, 4GB (Blank): 1-02609-00.....$13.00

NOT available with Quota funds.

Related Products *(NOT available with Quota funds)*:
Digital Cartridge Mailer: 1-02611-00.....$2.50

USB Extension Cable, NLS Cartridge to PC Connection (3 ft.): 1-02612-00.....$5.00

Container Opening Tool

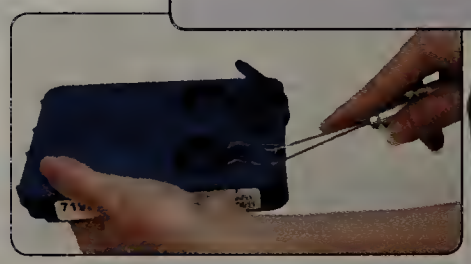


Use this handy tool to quickly pop open the straps of NLS plastic mailing containers, as well as APH's Cassette Container or Digital Cartridge Mailer/Container.

Includes wood-handled tool and a print/tactile diagram.

Container Opening Tool: 1-00500-00.....$8.00

Not available with Quota Funds.



Related Products *(NOT available with Quota funds)*:
Digital Cartridge Mailer: 1-02611-00.....$2.50
Digital Talking Book Cartridge, 4GB (blank): 1-02609-00.....$13.00

Cartridge inside mailer (each sold separately)

BookPort DT™

Loaded with many of the same features as our hand-held Book Port Plus, the **Book Port DT** is a desktop-style Digital Talking Book player and recorder. The sleek design includes a large speaker and easy-to-use controls.

In addition to the features of the Book Port Plus, the Book Port DT offers these enhancements:

- NLS Cartridge slot/USB port
- Large speaker and built-in microphone
- 2GB of memory to backup & store files
- Wi-Fi and wired internet connections
- Separate buttons for tone, speed, next & previous title, information, and sleep timer
- Removable "mask" simplifies controls
- Bluetooth audio and control support
- New built-in high-quality text-to-speech reads computer files
- Additional recording capabilities:
  – Record to DAISY 2.x or 3.x
  – Edit using insert, delete, & append
- Online support for DAISY
- Rechargeable battery

The Book Port DT is ideal for reading Digital Talking Books. Record or edit your own material in Digital Talking Book format. Enjoy listening to internet radio or downloading podcasts for education or entertainment.

Note: *The unit must be authorized through Learning Ally or NLS to play recordings from these organizations. You also need to have an account to use bookshare.org* You can also download books from the NLS BARD website, see **nlsbard.loc.gov**

Includes

- Book Port DT unit and case
- Rechargeable battery
- AC adapter
- CD-ROM containing software, books, and documentation
- **FREE!** Audio edition of *History in the Making: The Story of the American Printing House f/t Blind*
- Quick Start Guide
- One-year limited warranty

Measures 6.7 x 8.6 x 2.2 inches, weight approx. 2.8 lbs.

Book Port DT unit with removable "mask" for simpler controls

Book Port DT: 1-07200-00.....$449.00 + shipping

Optional Items *(no Quota funds for these two items)*

Digital Talking Book Cartridge, Blank: 1-02610-00.....$12.00

USB Extension Cable, 3 ft.: 1-02612-00.....$5.00

SHIPPING CHARGE
All shipments will incur actual UPS shipping rates based on the destination.

Replacement Items

AC Adapter: 1-07201-00.....$36.00

Nickel-Metal Hydride Battery: 1-07202-00.....$38.00

User's Guide, CD-ROM: 45-001-000.....$8.00

Carrying Case: 45-001-001.....$47.25

Mask Cover: 45-001-003.....$25.45

Revised!

Refreshabraille 18

This unique handheld refreshable braille display and braille keyboard for mobile and desktop devices connect via USB or Bluetooth®. Supports all screen readers that include braille support.

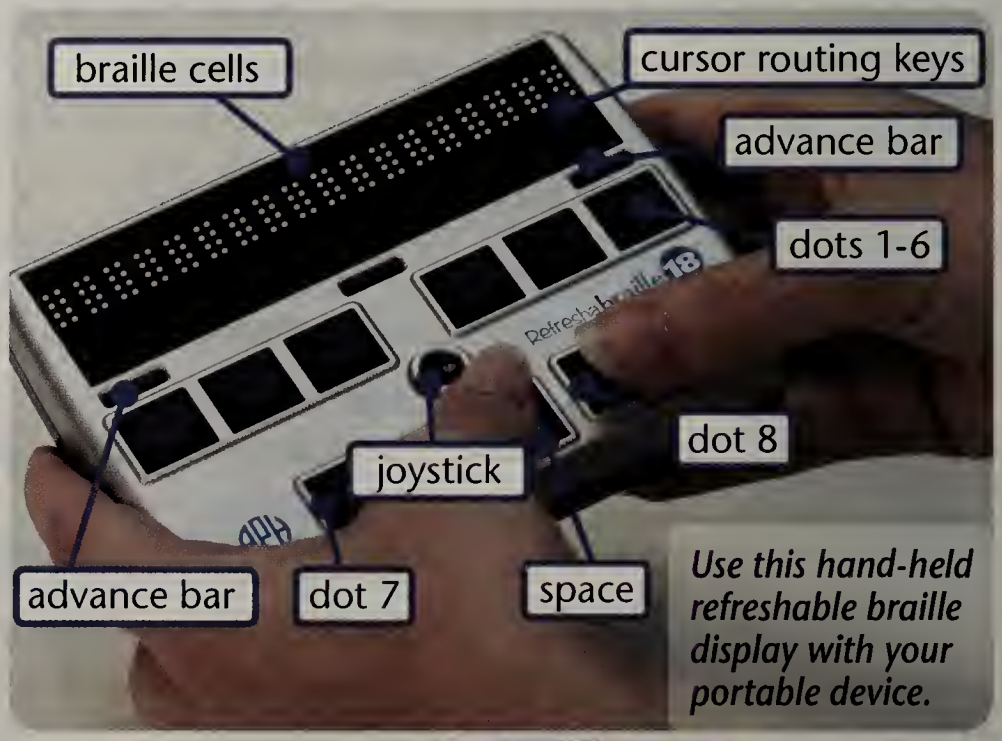
Note: The Refreshabraille 18 is temporarily unavailable. WE are excited to announce that a new, upgraded model will be available in 2015! The new model will be announced in the **APH News**, *our online newsletter.*

Access Other Equipment

Refreshabraille is a device designed to be used with other equipment. It provides the "screen" and keyboard for another device. The device must have software to communicate with the Refreshabraille.

Refreshabraille 18: $TBA

Refreshabraille 18 *IS available with Quota funds.*



Use this hand-held refreshable braille display with your portable device.

SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

Refreshabraille 18 Extended Warranty Available!

Your Refreshabraille 18 unit includes a warranty against manufacturer defects for one year from date of purchase. An APH Extended Warranty Protection Plan is available to protect you from costly repairs for one additional year. **ACT NOW! IT IS IMPORTANT TO ACT NOW BEFORE THE END OF YOUR FIRST 90 DAYS OF OWNERSHIP.**

Optional Item:

One-Year Extended Warranty: $TBA

Note: *The Extended Warranty must be purchased within 90 days of purchasing the Refreshabraille 18.*

New!

USB Charger, 2 Amp

This handy USB wall charger may be used to charge three different APH products: Orion TI-84 Talking Graphing Calculator, Refreshabraille 18, or Braille Plus 18. Works with the USB cables that are included with these three devices. This wall charger has a jack that accepts a Standard A USB plug, the most common type of USB plug. Power output is 2 amps. This unit will also charge many commercial devices that recharge via USB cable, such as smartphones.

USB Charger: 1-03966-00.....32.00

APH Software System Requirements

All requirements listed are at minimum. All software requires a sound card and speakers, and a CD-ROM drive.

Find detailed software purchasing instructions in the "How to Order" section, **pg. 209**. Download APH Software Demos at **http://tech.aph.org/**

Book Wizard™ Reader and Producer Software

Book Wizard software is available from APH in two versions: Reader and Producer.

Book Wizard Reader

Book Wizard Reader lets you read a wide variety of types of digital talking books as outlined in the specifications designed by the National Information Standards Organization (NISO) and the Digital Audio Information System (DAISY) consortium.

Book Wizard Producer

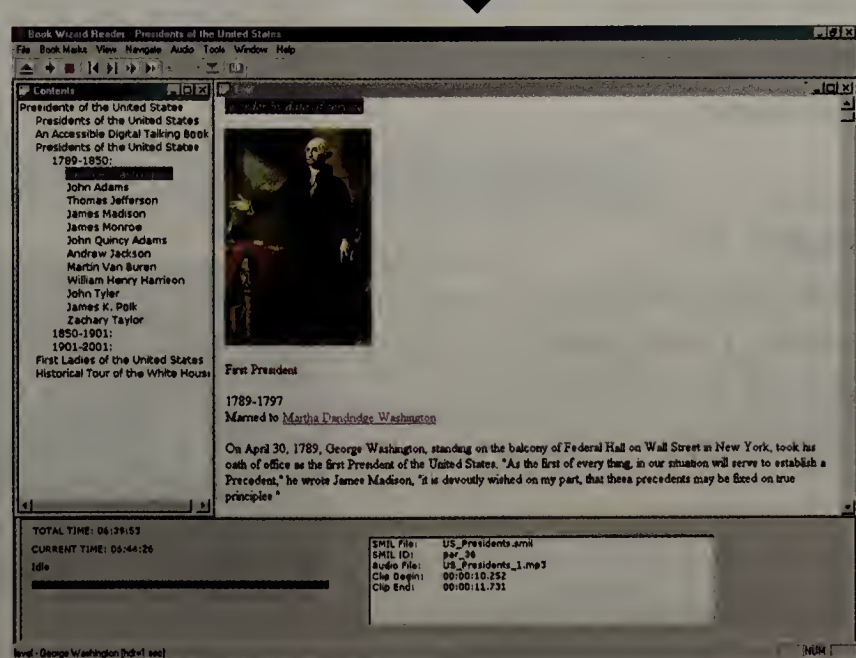
Book Wizard Producer has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.

Producer Features

- Create DAISY/NISO 2002 Digital Talking Books
- Create any of six kinds of DAISY books
- Create an audio book from text
- Accessible media producers can create specialized formats (such as braille) from NIMAS and other file formats
- Edit Digital Talking Books

Book Wizard Reader
CD-ROM: D-03531-00.....$49.00
Digital Download: D-03531-ED.....$39.00

Book Wizard Producer
CD-ROM: D-03530-00.....$200.00
Digital Download: D-03530-ED.....$200.00



Read or *create* digital talking books on your PC!

Expanded Core Curriculum:

Career Education and Transition

Career Education

Career education, as a part of the expanded core curriculum, should begin in the earliest years to give learners of all ages who are visually impaired the opportunity to learn firsthand about the variety of work people do. It will give the student chances to explore strengths and interests in a systematic, well-planned manner. Unemployment and underemployment are leading problems facing adults with visual impairments in the United States, making this portion of the expanded core curriculum vital to students.

APH Products Related to Career Education and Transition

The following list contains examples of APH products that can help your students explore strengths and interests in a systematic, well-planned manner.

Adapted Practice Checkbook pg. 163
Helps students learn vital money handling skills.

***GED Basics, 2002* pg. 8**
An introductory guide to the basic skills you need to tackle the *General Educational Development (GED)* test.

***Going Places: Transition Guidelines* pg. 76**
A resource guide for teens and young adults that promotes independent physical activity.

Money Talks Software pg. 163
A completely accessible bank account management software package.

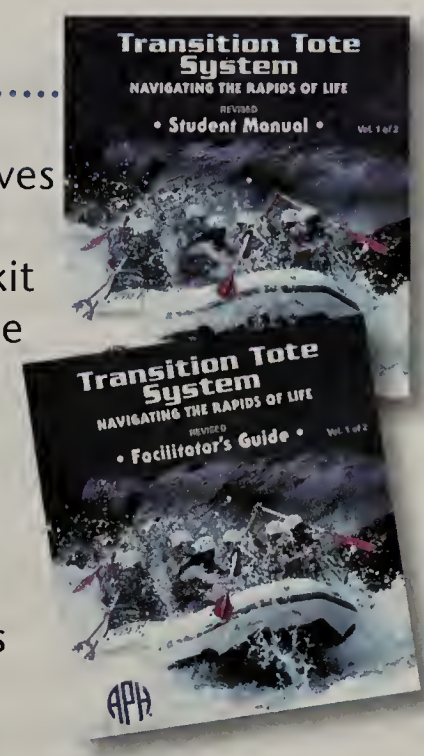
***PATTER: Preschool Attainment* pg. 17**
This curriculum and assessment tool breaks down an everyday activity into its component parts and allows for measurement of a child's level of participation during each step.

NEW! Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide pg. 154
Lessons address the most common gaps found within the visually impaired student population.

***Reach for the Stars, Planning for the Future* pg. 16**
Guidebook about transitioning young children into preschool or kindergarten settings.

Talking Calculator pg. 163
Provides audio feedback to a user, along with an oversized LCD display.

Transition Tote System "Navigating the Rapids of Life"



Transition Tote materials teach middle school, secondary, and transition students with visual impairments essential skills for learning about themselves and the world of work. This includes seeking, obtaining, and keeping jobs. In addition to seven new lessons and the custom designed backpack, this kit includes updated descriptions of technology, revised resource and reference materials, and an updated *Facilitator's Guide*.

Large print kit includes:

- *Student Manual* in large print, audio CDs, and electronic format
- *Facilitator's Guide* in large print, audio CDs, and electronic format
- Transition Tote Backpack
- Clipboard
- Package of Print/Braille forms

Braille materials and other items sold separately include:

- *Student Manual* (3 volumes) in braille, audio CDs, and electronic format
- *Facilitator's Guide* (2 volumes) in braille, audio CDs, and electronic format
- Transition Tote Backpack
- Clipboard (as a replacement part)
- Package of Print/Braille forms

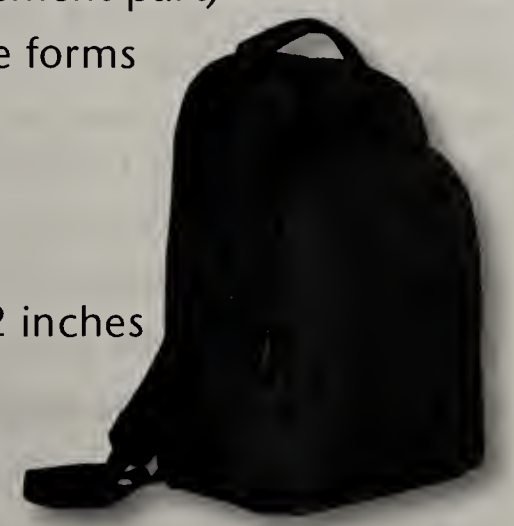
Transition Tote System, Large Print Kit: 1-08210-00.....$239.00

Optional Items

Student Manual, Braille: 5-08210-00.....$105.00
Facilitator's Guide, Braille: 5-08211-00.....$69.00

Replacement Items

Student Manual, Large Print: 7-08210-00.....$88.00
Facilitator's Guide, Large Print: 7-08211-00.....$90.00
Braille and Large Print Forms: 7-08212-00.....$16.00
Transition Tote Backpack: 1-08211-00.....$68.00



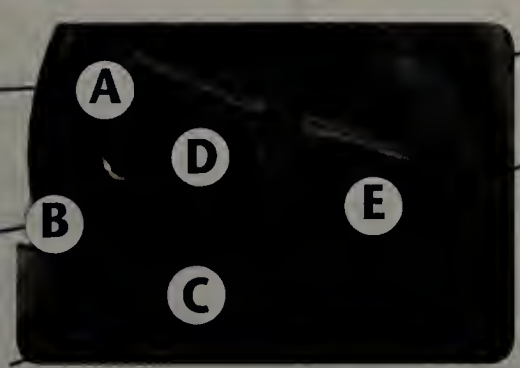
18x12 inches

Includes the Transition Tote Backpack

Transition Tote System Backpack

This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition & vision rehabilitation programs, and into the adult world.

Transition Tote System Backpack: 1-08211-00.....$68.00



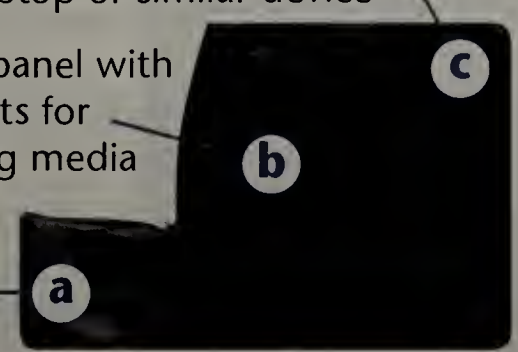
Key ring attached by Velcro®

3 pen/marker/ stylus holders

Slate/magnifier pocket

Zippered change pocket

Cell phone/PDA pocket with Velcro closure



Back padded compartment with adjustable Velcro strap protects a laptop or similar device

Back panel with pockets for storing media

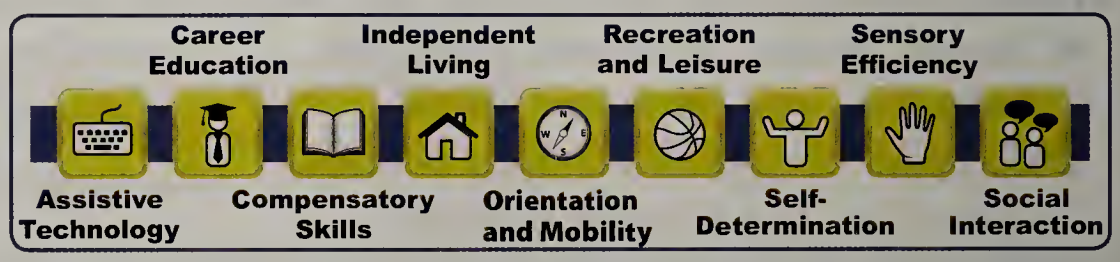
Front panel with 3 padded pockets electronic items

New!

Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide

Designed for transition students who are visually impaired. The included lessons were chosen to address the most common gaps found within this population and require little time, expertise, or equipment to implement by the educational team and family members. The lessons, categorized by setting (home/school or community), are intentionally designed to be completed in 5–15 minutes. They are not designed to replace a comprehensive program addressing the ECC.

Each ECC lesson card is printed on durable paper stock and 3-hole punched for convenient storage in a custom-made binder. Visual icons within a color identification bar (blue for "At Home or At School" and red for "In the Community") indicate ECC area(s) addressed by the lesson. Needed materials are listed in a different color bold font.



A *Quick & Easy ECC Checklist* is included to monitor an individual student's progress and serve as an informal assessment. The checklist is included in the binder, as well as on the accompanying CD-ROM as a Microsoft® Excel® spreadsheet.

The *Quick & Easy ECC Matrix* (in both hardcopy and electronic formats) provides an overview of the ECC lessons covered in each lesson. The matrix key identifies the primary ECC area addressed, immersed ECC areas, and provision of a Try It lesson (a suggestion for home practice).

Example ECC lessons target the following skills:

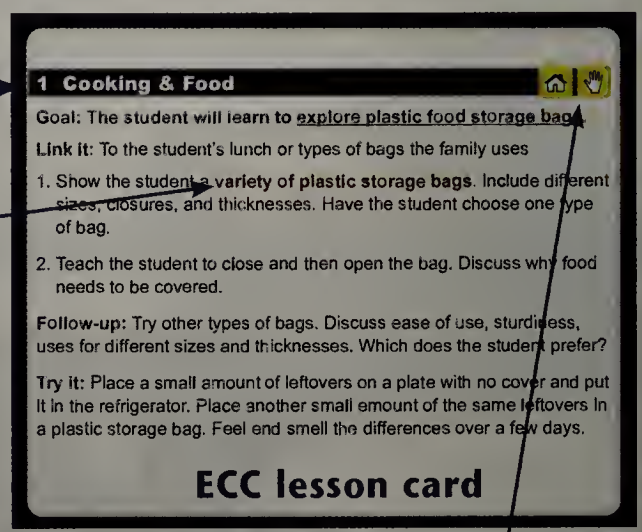
- Planning a menu
- Practicing conversation
- Giving & receiving compliments
- Labeling cans
- Making purchases based on a budget
- Expanding career knowledge
- Tracking medical history
- Spreading condiments
- Properly using smart phones
- Learning customer service techniques

Quick & Easy ECC Kit Includes:

- Binder with 142 lesson cards
- CD-ROM with accessible files:
  Quick & Easy ECC:
  – Binder contents (.brf)
  – Matrix (.brf and .pdf)
  – Checklist (Microsoft Excel)

Color identification bar & border

Bold font indicating materials needed


1 Cooking & Food

Goal: The student will learn to explore plastic food storage bags.

Link it: To the student's lunch or types of bags the family uses

1. Show the student a variety of plastic storage bags. Include different sizes, closures, and thicknesses. Have the student choose one type of bag.
2. Teach the student to close and then open the bag. Discuss why food needs to be covered.

Follow-up: Try other types of bags. Discuss ease of use, sturdiness, uses for different sizes and thicknesses. Which does the student prefer?

Try it: Place a small amount of leftovers on a plate with no cover and put it in the refrigerator. Place another small amount of the same leftovers in a plastic storage bag. Feel and smell the differences over a few days.

ECC lesson card

Icons indicating ECC areas

Note: The entire binder contents are only available as a braille ready format (.brf) file.

Recommended ages: Middle and high school transition students.

Quick & Easy Expanded Core Curriculum: 1-08204-00.....$45.00

Expanded Core Curriculum:

Self-Determination

Self-Determination

This area of the Expanded Core Curriculum highlights the importance of believing in oneself, while understanding one's abilities and setting realistic goals. Students learn from successes and failures on how to achieve their goals in life. Self-determination is the ability for people to control their lives, reach goals they have set, and take part fully in the world around them.

APH Products Related to Self-Determination

All children have different eyes: Learn to play and make friends — pg. 137
A beautifully illustrated hardbound storybook that serves as a model for children with visual impairment on how to confidently play and make friends while facing difficult social challenges.

Going Places: Transition Guidelines — pg. 76
A resource guide for teens and young adults that promotes independent physical activity.

Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem — pg. 176
Explore self-esteem in a workshop format.

PATTER: Preschool Attainment — pg. 17
This curriculum and assessment tool breaks down an everyday activity into its component parts and allows for measurement of a child's level of participation during each step.

Quick & Easy ECC: The Hatlen Center Guide — pg. 154
Lessons address the most common gaps found within the visually impaired student population.

Reach for the Stars, Planning for the Future — pg. 16
Guidebook about transitioning young children into preschool or kindergarten settings.

Reclaiming Independence — pg. 158
Video/resource guide will help you successfully use rehabilitation and transportation resources.

Sensory Learning Kit — pg. 26
A kit for use in the development of skills for learners with the most significant challenges.

***Teen Scene: Portraits of Success* Video** — pg. 127
Starring four teenagers with low vision, this DVD explores being successful, self-advocating, dating, playing sports, and achieving in school or on the job.

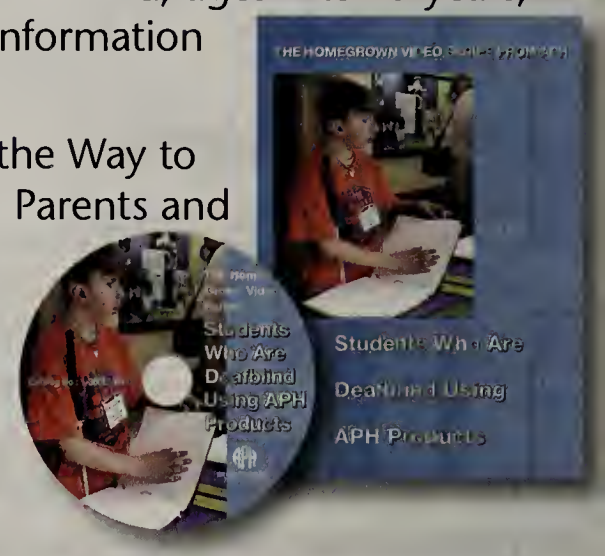
Transition Tote System — pg. 153
Helps teach middle school, secondary, and transition students essential skills for learning about themselves and the world of work.

Students Who Are Deafblind Using APH Products Homegrown Video

This video in APH's *Homegrown Series* features four students who are deafblind, ages 2 to 15 years, using various APH products in home and school settings. It provides information about how students may benefit from the use of APH products.

Watch students interacting with various APH products, including On the Way to Literacy books, Web Chase game, Rib-It-Balls, and the Perkins Brailler. Parents and teachers talk about their children's benefit from APH products.

Running time: approx. 20 minutes. Closed Captioned.

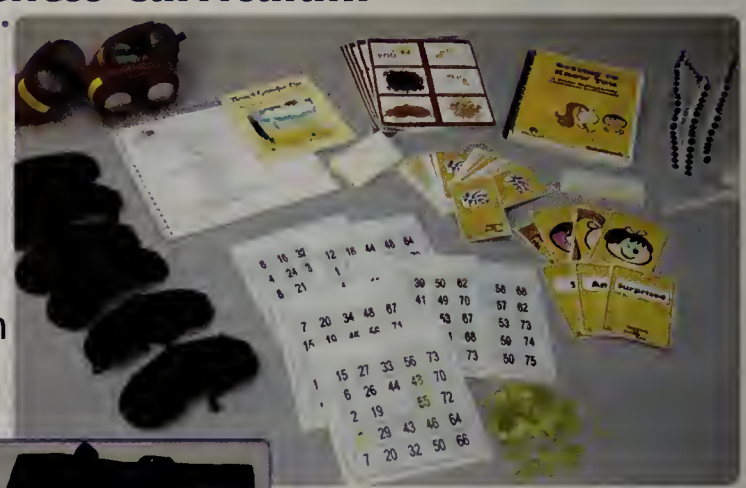


Students Who Are Deafblind Using APH Products
Video: DVD: 1-30017-DVD.....$10.00

Getting to Know You: A Social Skills/Ability Awareness Curriculum

The Getting to Know You kit is designed for VI teachers, O&M specialists, other related service personnel, general education teachers, and families.

Lessons can be initiated at lunch or during classroom free time and take 30-45 minutes to complete so that interference with academic activities is limited. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities. An icon at the top of each page identifies whether a lesson is about social skills, ability awareness, or a combination of the two.



Kit also includes the APH Innovations Tote Bag

Kit includes

- Blindfolds
- Low vision simulators: tunnel vision, 20/200, and 20/400
- *Through Grandpa's Eyes* storybook by Patricia MacLachlan (print/braille)
- Facial Expression Cards
- Go Fish Cards
- Bingo boards (print/braille) and chips
- Adhesive picture labels for preparing snacks: "Gorp"
- Velcro® strips
- Guidebook in large print and on CD-ROM in accessible formats. Lesson files for each group are also on CD.
- APH Innovations Tote Bag

The Getting to Know You curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school.

Getting to Know You: A Social Skills/Ability Awareness Curriculum: 1-08052-00.....$273.00

Replacement Items:
Guidebook, Large Print w/CD-ROM: 61-163-025.....$28.80
APH Innovations Tote Bag: 4-66001-01.....$19.50

Expanded Core Curriculum:

Daily Living and Social Interaction

Independent Living Skills

This area, often referred to as daily living skills, consists of all the tasks and functions people perform, according to their abilities, in order to live as independently as possible. These curricular needs are varied and include skills in personal hygiene, food preparation, money management, time monitoring, and organization.

Social Interaction Skills

Blind and visually impaired individuals learn social interaction skills through careful, conscious, and sequential teaching. Instruction in these skills is such a fundamental need that it can often mean the difference between social isolation and a satisfying and fulfilling life as an adult.

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APH Signature Guide 163
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EZ
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- Test Battery Tester 160
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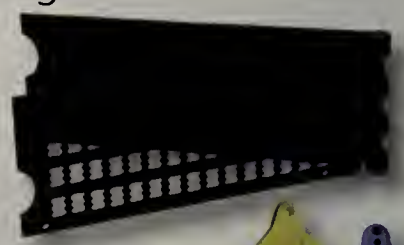
MiniBook Braille Quick-Note Products

Jot down small bits of information quickly! When a friend gives you a phone number or a clerk tells you the total of your debit card purchase, you need to get to your braille writing materials *fast*!

Materials are sold separately:



- **MiniBook Slate with Styluses:** This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- **Filler Paper for MiniBook:** Additional packs of filler paper can be purchased.
- **Mini Spiral Notebook (2-pk.):** The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!

MiniBook Braille Quick-Note Products:

MiniBook Slate with Styluses: 1-07850-00.....$12.00
Filler Paper for MiniBook (250 sheets): 1-07852-00.....$3.00
Mini Spiral Notebook (2-pk.): 1-07853-00.....$5.00

Note: Find additional braille writing products on **pgs. 111-119.**

Braille DateBook

An attractive planner-organizer designed specifically for braille users! Binder with pockets, 250 sheets of paper, tabbed calendar pages, blank tabs, and stylus.

Recommended ages: 11 years and up.

Braille DateBook 2016: 1-07899-16.....$68.00

Optional Item: Additional Filler Paper and Tabs: 1-07897-00.....$11.00

Replacement Item: Calendar Pages, 2016: 1-07898-16.....$18.00

Reclaiming Independence: Staying in the Driver's Seat When You No Longer Drive Video

Useful for both individuals and professionals, this video/resource guide will help you successfully use rehabilitation and transportation resources. Real people share their stories as they make the transition from driver to non-driver.

The DVD features additional material, including a narrated version of the Resource Guide. Menus are spoken aloud. Included Resource Guide is in large print and on CD-ROM. Closed captioned.

Reclaiming Independence **DVD: 1-30020-DVD.....$30.00**

Optional Item: Resource Guide, Braille: 5-30020-00.....$69.00

ColorTest II: Talking Color Analyzer for People Who Are Blind or Colorblind

ColorTest II is a hand-held device that helps the user distinguish colors independently. It has hundreds of uses at home, work, or school, including selecting your own wardrobe; determining if fruit is ripe; and distinguishing colored folders and forms.

ColorTest II: English: 1-03951-00.....$798.00 + shipping

ColorTest II *IS available with Quota funds.*

ColorTest II is about the size of a television remote control. It can sense over 1,000 shades of color!

SHIPPING CHARGE

All shipments will incur UPS shipping rates based on the destination.

Colorino Talking Color Identifier

This simpler talking color identifier is a small, hand-held unit that is simple to operate using only two buttons. The Colorino can detect more than 100 nuances of color and be used as a light detector.

Uses 2 AAA batteries *(included)* and comes with a carrying case; cassette, large print, and braille "quick start" instructions; and a one-year warranty.

Colorino, English: 1-03955-00.....$198.00

Not available with Quota funds.

Zeitgeist Talking Time Machine

This hand-held device combines a number of time-related functions and speaks through its speaker or headphones *(not included)*. Fits in pocket or carry around neck on attached lanyard, uses 2 AAA batteries *(included)*. A Spanish edition is also available.

ZeitGeist *IS available with Quota funds.*

ZeitGeist,
English: 1-03974-00.....$106.00
Spanish: 1-03974-SP.....$106.00

The Wilson Digital Voice Recorder, Ver. 5

Digital voice recorder is simple to use and inexpensive. Record up to 12 hours of voice messages and download to your computer via the included USB cable. Includes mono earpiece, clips to your belt, visor, or purse.

Measures 2 x 3 x 0.5 inches. Requires 2 AAA batteries *(not included)*.

The Wilson Digital Voice Recorder, Ver. 5: 1-03993-03.....$39.95

Not available with Quota funds.

Note: *The Wilson digital recorder is not related to the Wilson Reading System product.*

Note: The Wilson Recorder instructions are available free-of-charge as text files on our downloadable manuals page: **http://www.aph.org/manuals/index.html**

New! Tactile Clothing Tape

Allows braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

If you find labels uncomfortable when wearing a garment, you can remove the label before putting on the garment and reattach it later.

Unlike pre-made color labels that are limited to a few clothing colors, this tape allows you to include your own abbreviations for as many colors or patterns as you wish. You can create labels with laundry instructions, clothes matching information, names, etc.

Persons who participate in sports or other activities in which they change into uniforms or bathing suits, students enrolled in a school for the blind or a rehabilitation center, persons attending a summer camp, or anyone who must identify clothing if it becomes mixed with clothing belonging to others may find braille name labels helpful.

Includes:

- Two 120-inch rolls of 1/2 inch wide tape
- Two packs of sturdy quilting safety pins
- Braille and print instructions

To Make Labels:

- Use braille label marker or braille slate with slots for labeling tape *(not included)*
- Braille desired info. on tape
- Leave approx. 1/2 inch of space on one end of tape for safety pin or on both ends for sewing
- Cut label off roll
- Pin or sew label to clothing or linens
- Keep label attached when item is laundered and/or ironed

Tactile Clothing Tape: 1-07420-00.....$59.00

CAUTION: *This product contains safety pins. DO NOT use with children under 12 years unless directly supervised by an adult.*

Related Product

Pocket Braille Slate Slotted for Labeling Tape: 1-00160-00.....$58.00

EZ Test Battery Tester

APH offers two versions of the EZ Test Battery Tester:

- The Audible EZ Test reports battery status by beeps
- The Audible/Tactile EZ Test reports battery status by vibrations and beeps

A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. Also included are two contacts for testing 9 volt batteries.

Measures 4.5 x 1.1 x 0.6 inches.

EZ Test Battery Tester:
Audio Feedback: 1-03968-00.....$48.00
Audio/Tactile Feedback: 1-03969-00.....$58.00

EZ Test *IS available with Quota funds.*

Talking Cooking Thermometer

Use this large-display talking thermometer for cooking, hobbies, gardening, and much more! It's a "must have" item to make everyday living easier! Use the built-in eyelet at the top to hang the thermometer within easy reach.

Features:

- Speaks the temperature at a touch of a button
- Easy-to-read LCD Display
- Accurate temperature reading within seconds
- Select Fahrenheit or Celsius with a touch of a button
- Contoured design fits comfortably in your hand
- Automatically turns off after 10 mins. to maximize battery life
- Hinged battery door, permanently connected
- Requires 2 AAA batteries *(included)*

Note: This thermometer is not for medical use.

Talking Cooking Thermometer: 1-03992-00.....$39.00

Not available with Quota funds.

Note: The Talking Cooking Thermometer instructions are available free-of-charge as text files on our downloadable manuals page: **http://www.aph.org/manuals/index.html**

EZ Fill Pouring Aid

EZ Fill is a device that aids in filling containers, such as a glass or cup. The aid hangs on the edge of the container, and when liquid fills to about one inch from the top, the device produces a signal, alerting the user. Uses three included LR44 button-type batteries, with an expected life span of about one year.

1-03970-00.....$16.00

Not available with Quota funds.

Making Picture Recipes

Provide cooking instruction for low vision nonreaders and beginning readers. Includes 257 bold-line illustrations of common foods and ingredients, cooking equipment, and cooking processes on 3 1/2 x 4 inch cards. These master cards can be combined and photocopied to depict multi-step recipes; the copies can be colored to correspond to actual items students will be using. Includes a card storage box with index tabs and an instruction manual.

Recommended for functional ages: 5 years and up.

Making Picture Recipes Kit: 1-03450-00.....$58.00

Replacement Item: Manual: 7-03450-00.....$19.00

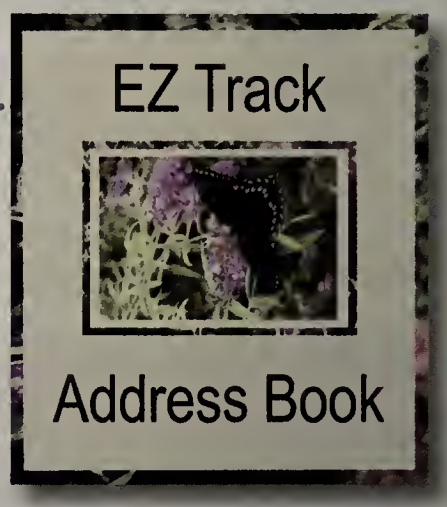
EZ Track Calendar: A Low Vision Appointment Book and Calendar

A systematic and organized way of keeping track of appointments, holidays, and other events.

Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a three-ring binder.

EZ Track Calendar 2016:
with binder: 1-07900-16.....$41.00
inserts only, no binder: 1-07901-16.....$45.00

EZ Track Address Book



Large print address book holds 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder.

EZ Track Address Book: 1-07910-00.....$32.00

Replacement Item:
EZ Track Address Book Insert Pages: 1-07911-00.....$16.00

EZ Track Medical Record Keeper

Large print organizational tool for keeping medical records. It provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records.

This product is on non-glare paper, with 22-point black type. Includes a 3-ring binder, folders, and tab pages.

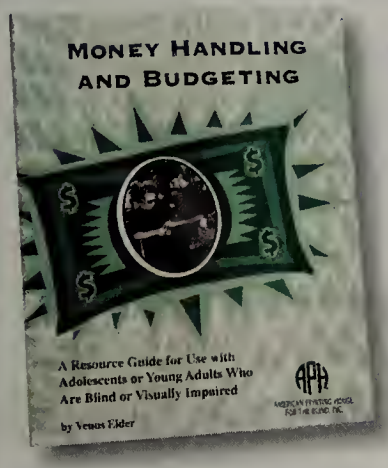
EZ Track Medical Record Keeper: 1-07930-00.....$42.00

EZ Track Financial Record Keeper

Large print system for keeping track of information about banking, credit cards, utilities, income, taxes, insurance, mortgages, loans, investments, retirement plans, and much more! Information is stored in tabbed sections; labeled pages provide large spaces for writing. Stored in a 3-ring binder and includes large print Check Register, 20/20 Pen®, storage pouch, three storage folders, and user's guide.

EZ Track Financial Record Keeper: 1-07920-00.....$52.00

Replacement Items:
Check Registers (2-pk.): 1-07920-01.....$14.00
Insert Pages only: 1-07920-02.....$25.00

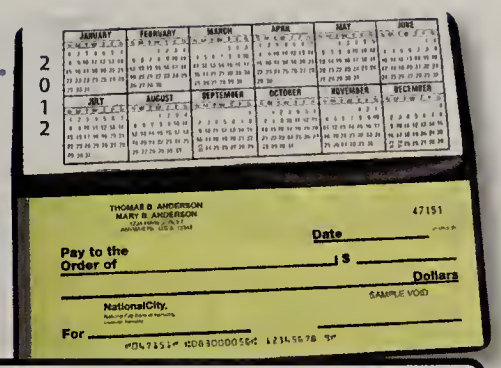


Money Handling and Budgeting

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Recommended ages: 11 years and up.

Money Handling and Budgeting:
Print Edition: 1-83080-00.....$31.00
Braille Edition: 1-83081-00.....$48.00



"Check" out our **Money Talks™** financial management software.

Replacement Items:
Complete Adapted Practice Checkbook: 1-03501-00.....$11.50
Bound Practice Checks/Deposit Tickets (5-pk.): 1-03502-00.....$34.00

Money Talks™ Software

An accessible and flexible bank account management software package developed by APH that provides printing and braille embossing of the check register, and writing checks in a variety of sizes and styles. A feature-rich program for computer users who are blind and visually impaired. Requires a PC running Windows® 98 or later.

Money Talks
CD-ROM: D-03560-00.....$49.00
Digital Download: D-03560-ED....$39.00

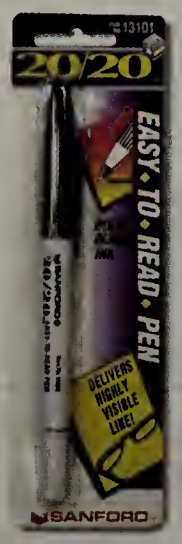
Talking Calculator

Provides audio feedback to a user, along with an oversized LCD display. This desktop model has the standard operations of addition, subtraction, multiplication, and division, in addition to a memory function. A "repeat" key speaks the last result.

Uses two "AA" batteries *(not included)*.

1-03971-00.....$20.00

Not available with Quota funds.



20/20 Pens® *It's Back!*

Bold-line 20/20 Pens make entries easy to read. Bold black felt-tip marker with permanent ink.

5-pk.: 1-07913-00.....$7.50

Not available with Quota funds.

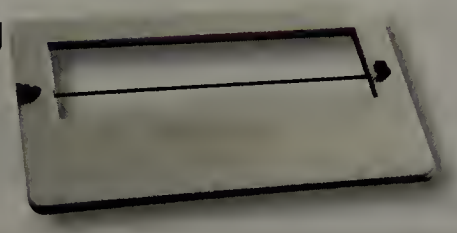
APH Signature Guide

This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters.

Guide is made of aluminum with a rubber backing to prevent sliding. Measures 4 1/2 x 2 1/4 inches.

Recommended ages: 8 years and up.

1-03530-01.....$7.00



MagneTachers Magnetic Labels

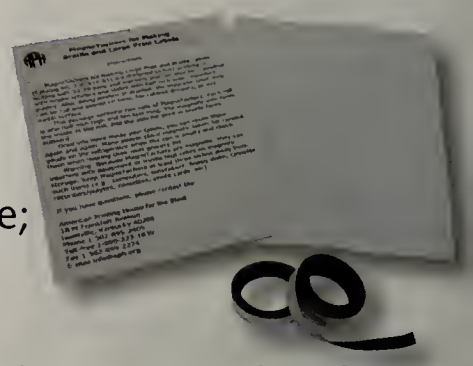
MagneTachers are magnetic labels that attach to metal objects, are easily removable, and re-attachable! You can create labels in large print and braille. Instructions in print and braille included.

Uses include:

- Create, use, store, and reuse labels for canned goods
- Read, write, order, and re-order sets of words or numbers on a classroom magnet board
- Make labels for metal desks and file drawers that everyone can read

MagneTachers for Making Large Print Labels:

- Two rolls, each 120 x 1 inch
- Write directly on the smear resistant paper side
- Cut label from the roll and place on metal surface



MagneTachers for Making Braille/Large Print Labels:

- Two rolls, each 120 x 1/2 inch
- Emboss directly with braille labelers or using slates with 1/2 inch wide alignment guides
- Braille on non-magnetic side; vinyl coating helps braille dots stay firm
- Cut label from the roll and place on metal surface

MagneTachers Magnetic Labels for Making:
Large Print Labels: 2 Rolls, 1 inch high: 1-07418-00.....$7.50
Braille/Large Print Labels: 2 Rolls, 0.5 inch high: 1-07416-01.....$12.00

Push Button Padlock

You can now have a combination that is accessible only to you. Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key. Just push five buttons and presto, you're in!

Push Button Padlock: 1-03990-00.....$19.00

Not available with Quota funds.

Did You Know?

APH offers Accessible Editions of these Magazines!

Visit **www.aph.org/devel/magazines.html**

Reader's Digest® braille, cassette, and download

Newsweek® cassette and download

Scholastic News® (formerly Weekly Reader®) in braille and large print

Expanded Core Curriculum:

Recreation and Leisure

Recreation and Leisure Skills

Many activities in physical education are excellent and appropriate for visually impaired students, but these students also need to develop recreational and leisure activities that they can enjoy throughout their adult lives. Recreation and leisure skills must be deliberately planned and taught to blind and visually impaired students and should focus on the development of life-long skills.

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Ordering for U.S. Customers: http://shop.aph.org

Touch 'em All Baseball

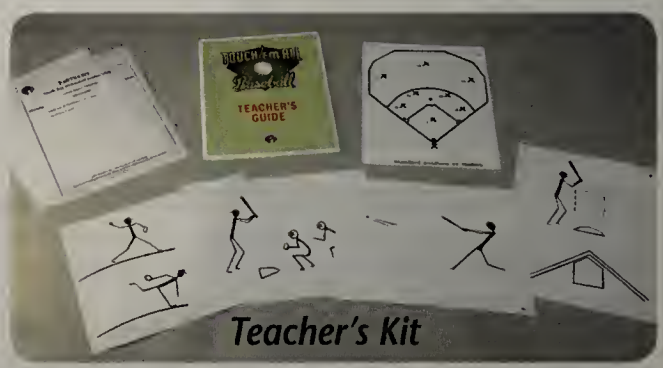
Game Kit

Touch 'em All Baseball is easy to learn, and you may change the complexity for different levels of play. You'll need to be familiar with the basic rules of baseball for counting balls, strikes, and outs; for advancing runners; and for scoring, but you don't need a lot of baseball expertise to enjoy this game.

Includes

- A game board designed for tactual and visual contrast
- Player pieces backed with hook material
- A scorecard
- Two Basic and two Advanced game spinners
- An "Umpire Card"
- Game Rules and Variations in large print and braille

The Advanced game includes many more of the events that can occur in baseball and simulates the action of the real game more closely. Real fans may also add their own rules and variations to make the game even more true-to-life!



Teacher's Kit

The Teacher's Kit *(sold separately)* provides suggestions for using Touch 'em All Baseball with students, not only to teach about baseball but to develop other skills. The Teacher's Guide is provided in large print and as a free download in accessible formats.

This kit includes a set of tactile/print "stick figure" diagrams, which illustrate the motions of pitching and batting along with some of the spatial arrangements that apply in baseball, and suggested physical activities that correspond to the images.

Recommended ages: 8 years and up.

Touch 'em All Baseball
Game: 1-08101-00.....$194.00
Teacher's Kit: 7-08101-00.....$23.00

Note: ***Touch 'em All Baseball Teacher's Guide, Braille*** is not sold by APH, but is available for download FREE of charge at: **http://www.aph.org/manuals/index.html**

WARNING: Choking Hazard*—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Score Card Set

Generic Score Card made of durable plastic. Has twenty "buttons" in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. You can assign one row as the "tens" row to keep track of up to 110 events.

Includes one yellow and one green card. Instructions in print and braille.

Recommended for all ages.

1-17001-00.....$17.00

PARTS Scattered Crowns: Tactile Attribute Game

A fun, versatile board game that encourages young children, especially those with visual impairments and blindness, to develop tactile skills. As players search for crowns with specific attributes: band texture, number of jewels, and number of points they will practice: texture/shape/size discrimination, tactile memory, systematic searching skills, and spatial concepts.

Other concepts include counting, turn-taking, sorting/organizing, and social interaction skills. The game is conducive to playing classic "concentration" games using the crown pieces or user-constructed matching game pieces (e.g., basic shapes, braille words/letters, etc.)

Recommended ages: 5 and up.

1-08462-00.....$199.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

PARTS Game Kit

The Game Kit is a collection of common game parts designed for use by players who are visually impaired and blind.

Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Can be used to build social skills or to review school subjects by means of a game.

Recommended ages: 5 years and up.

Game Kit: 1-08440-00.....$208.00

Replacement Item:
Booklet, Print: 61-131-035

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Talking GlowDice

Push the "Roll" button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes four AAA batteries *(not included)*.

Talking GlowDice: 1-07500-00.....$33.00

PARTS Web Chase

An originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminate textures and shapes (of various prey).

Web Chase's combined visual and tactile presentation makes it accessible to all players regardless of visual ability. A game of luck and skill and can be tailored for players' abilities.

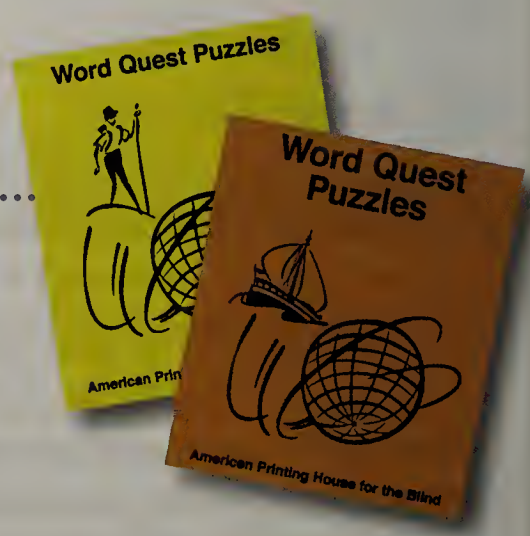
Recommended ages: 5 years and up.

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Web Chase: 1-08460-00.....$228.00

Note: One-time application of Velcro® coins to the game board and lunch trays is required by the customer.

Word Quest Puzzles



This recreational/educational product presents classic "find-the-hidden-words-in-the-grid" puzzles in a large print format. Two sizes of letters are available to accommodate different users.

1/2 inch letters: 8-05101-00.....$5.00
1 inch letters: 8-05102-00.....$6.00

Talking Word Puzzles® Software

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square.

Recommended for all ages (dictated by the puzzles created).

Requires Windows® 98 or later.

CD-ROM: D-03440-00.....$49.00
Digital Download: D-03440-ED.....$39.00

Note: Find detailed software purchasing instructions in the "How to Order" section, **pg. 209**. Download APH Software Demos: **www.aph.org/tech**

American Printing House for the Blind ~ *Shopping*

Ordering for U.S. Customers: http://shop.aph.org

Sudoku Partner 6x6

Sudoku Partner 6x6 is a portable, reusable board for setting up and solving 6x6 sudoku puzzles. It allows you to mark possible answers in each box to help you keep track of them, without hundreds of separate pieces.

Like a standard print sudoku puzzle, the board has an array of small and large rectangles. Each *block* (large rectangle) is made up of six *boxes* (small rectangles)—three boxes across and two boxes high. Tactually, the boxes are outlined in smooth raised lines and the blocks in heavier dashed lines.

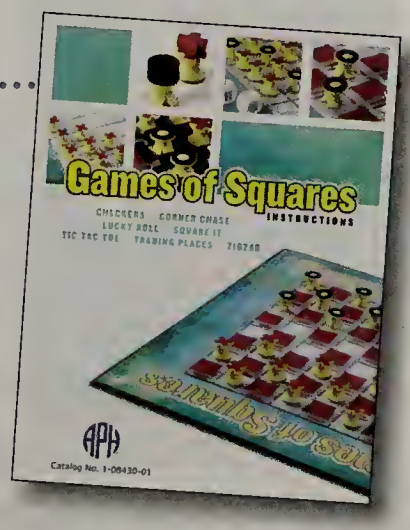
Includes:

- Two puzzle-solving boards
- Booklets with rules, examples, and puzzles in print and braille
- 150 puzzles provided with answers, at three difficulty levels

Recommended ages: 10 years and up.

Sudoku Partner 6x6: 1-03719-00.....$65.00

Games of Squares



Games of Squares accommodates a variety of common board games, as well as some original games. The 8 x 8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes that can be easily discriminated by children, students, and adults with visual impairments and blindness. Choose to play: Tic-Tac-Toe, Trading Places, Square It, Zigzag, Checkers, Lucky Roll, and Corner Chase.

Variations to the suggested games, as well as the creation of additional games by the teacher, parent, or student, are encouraged. Starter ideas and possible adaptations are provided in "Beyond X's and O's" within the Game Instruction booklet.

Games of Squares includes

- 8 x 8 inch Grid Board
- X/O Game Tokens
- Black U-channels
- Red Masking Overlays
- "Crown" O foam pieces
- "Crown" X foam pieces
- Tactile Dice
- Storage/Sorting Trays
- Game/Storage Box
- Instructions (flip-over style large print/braille)

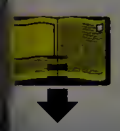
Recommended ages: 5 years and up.

Note: One-time application of hook/loop material to the game grid, game tokens, and masking overlays is required of the customer.

Games of Squares: 1-08430-01.....$236.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

Replacement Item:
Tactile Dice set, 7/8 inches: 61-137-027.....$5.00



Optional Item: Instruction Manual, Print/Braille: 1-08430-01

Slide, Twist 'N Solve: Tactile Brain Teaser

Have hours of fun challenging yourself or your friends while improving your sensory development and shape identification!

The attached pieces of this accessible puzzle easily slide and twist. Raised tactile patterns make it easy to identify various patterns; high contrast colors make it ideal for those with low vision. Compare your results to the solution key on the back!

Recommended ages: 6 years and up.

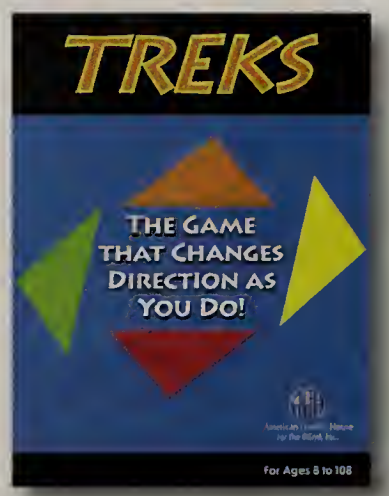
Slide, Twist 'N Solve: 1-03991-00.....$14.95

Not available with Quota funds.

Attached solution key on the back.

Slide and twist to scramble! Slide and twist to solve!

⚠ ***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*



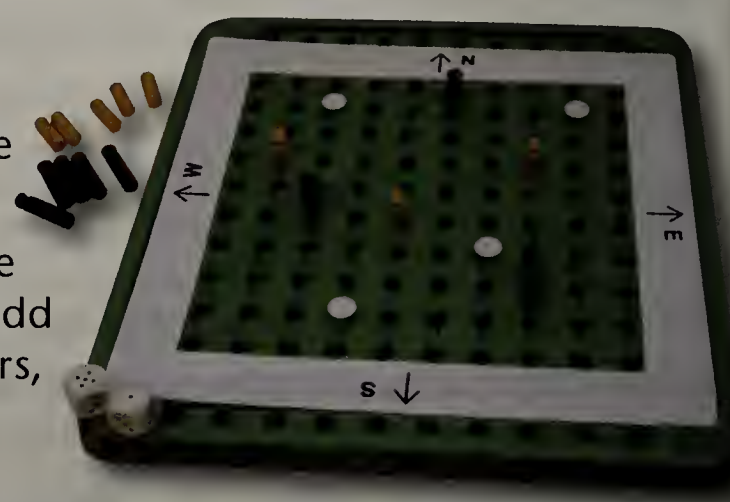
TREKS: The Game of Compass Directions

The goal of the game is to be the first player to move your pieces ("treksters") across the board from your home row into the opponent's home row. Change the game to make the play simpler or add rules to make it more complex.

After each move, you must announce the direction and the number of spaces moved by each trekster. If you forget to make this announcement, your opponent may undo your move!

Includes print/braille overlays and pieces to use for varying the basic game:

- One overlay with the four cardinal directions labeled and another with only a north arrow.
- One overlay with numbered and named streets. With this game variation, you are required to name the starting and ending intersection for each move rather than the compass direction, as in "Moving from Third and Bay to Third and Fox" or "Moving from Second and Hart to Seventh and Hart."
- Buttons that serve as barriers to navigate.
- One overlay with the cardinal compass directions at the four corners of the square.
- Two blank overlays (one that is open in the middle, one with two intersecting bands inside) to which you can add braille stickers to represent street names, street numbers, blocks, landmarks, lines of latitude/longitude, etc.

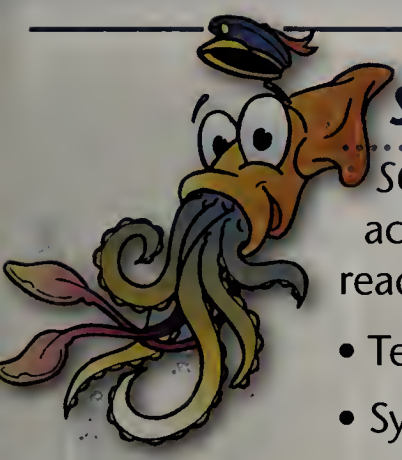


Along with the pieces mentioned above, the kit includes a game board, treksters that are tactually and visually contrasting, a rules and variations booklet in large print and braille, and a set of tactile dice.

Recommended ages: 8 years and up.

TREKS: 1-08910-00.....$113.00

⚠ ***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*



SQUID Tactile Activities Magazine

SQUID Magazine is deceptively fun: while your student enjoys a variety of activities, he or she will acquire skills needed to become a more proficient tactile reader. These puzzles, games, and brainteasers will foster:

- Texture discrimination
- Shape identification
- Pattern building & recognition
- Systematic searching
- Tracking line paths
- Understanding symbols

SQUID, Issue 1

Some activities include:

- Sports Word Search
- All Arms
- Lily Pad Hop
- Tic-Tac-Toe Grid

Issue 1: **1-08862-01.....$54.00**

SQUID, Issue 2

Some activities include:

- A-maze Me!
- Different is Best
- Crowded House
- Hop, Two, Three!

Issue 2: **1-08862-02.....$57.00**

SQUID, Issue 3

Some activities include:

- Ar-r-r-gh Matey!
- Falling Snowflakes
- Beat You by a Hare
- Pizza Puzzler

Issue 3: **1-08862-03.....$64.00**

SQUID, Issue 4

Some activities include:

- Beyond Castle Walls
- Money Tree
- Don't Mis-State Me
- Paige Turner's Bookshelf

Issue 4: **1-08862-04.....$58.00**

SQUID, Issue 5

Some activities include:

- Alligator Alley
- Favorite Season
- Eggs-stra Fun
- Mouse Trap

Issue 5: **1-08862-05.....$78.00**

SQUID, Issue 6

Some activities include:

- Lucky Lady Bugs
- Snow Buddies
- Piñata Party
- On Top of Spaghetti

Issue 6: **1-08862-06.....$56.00**

SQUID, Issue 7

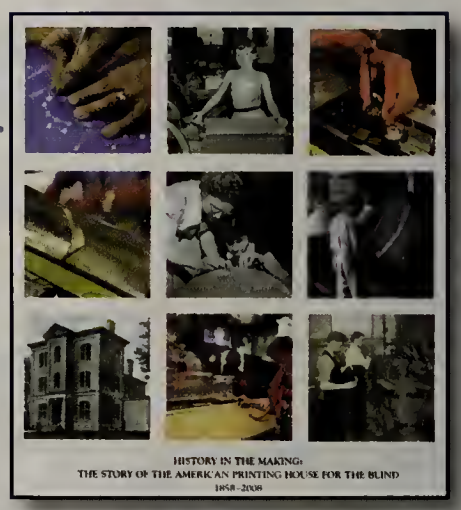
Some activities include:

- Daisy's Doodles
- Window Pain
- Knot that Hard
- Ruff Maze

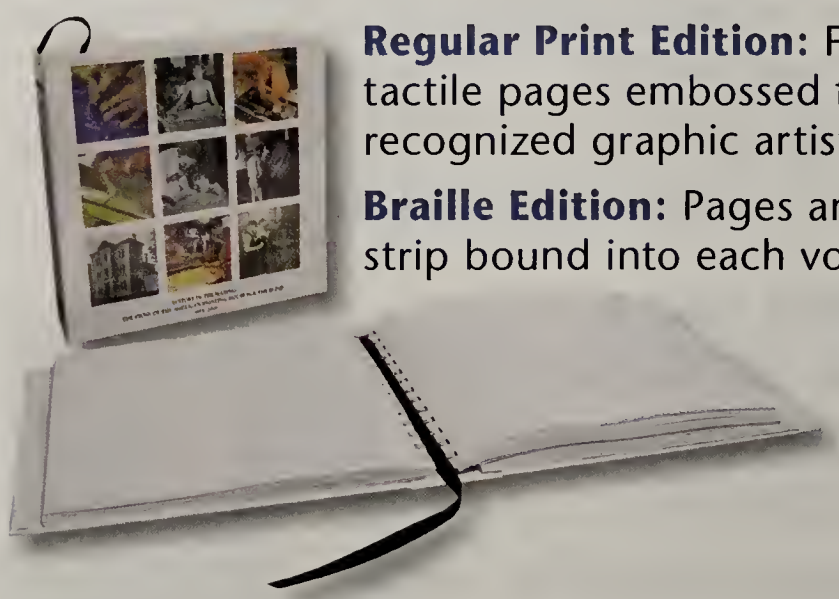
Issue 7: **1-08862-07.....$72.00**

Note: Many of the tactile puzzles are reusable and are intended to grow with the child as he or she acquires new skills and tactile understanding. Recommended ages: 5 years and up.

History in the Making: The Story of the American Printing House for the Blind, 1858-2008



A richly illustrated book celebrating the 150th anniversary of the American Printing House for the Blind, *History in the Making* explores how an organization with one printing press in borrowed space in a school basement grew to occupy most of a city block and became a national icon for generations of students, teachers, and adult consumers. Both editions include an audio book version CD, read by APH narrator Jack Fox.



Regular Print Edition: Features rich photography and reproductions of tactile pages embossed from vintage printing plates. Designed by nationally recognized graphic artist Julius Friedman.

Braille Edition: Pages are bound with metal rings with a cloth page marking strip bound into each volume.

History in the Making: The Story of the American Printing House for the Blind, 1858-2008

Regular print book w/audio edition CD:
W-HISTORY-APH.....$39.95 + shipping
Braille book, 2 vol. w/audio edition CD:
W-HIST-APH-BRL.....$39.95 + shipping

Not available with Quota funds.

SHIPPING CHARGE
All shipments will incur UPS shipping rates based on the destination.

Items may differ slightly from those pictured.

PARTS Wooden Junior Constructo Set

Helps children develop creativity, problem solving skills, muscular coordination, manual dexterity, and construction concepts. Construct all types of structures using various lengths of hardwood which have been drilled with holes. Lengths are linked together with color-coded nuts and bolts.

Recommended ages: 4 years and up.

Includes:

- Twelve red bolts and twelve yellow nuts
- Four right-angle joints
- Ten wooden lengths of various sizes

Constructo Junior: 1-03690-00.....$183.00

***WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.*

New!

Products Showcase Shopping Site:

An Additional Way for APH Credit Card Customers to Shop!

The **APH Products Showcase Shopping Site** is a new, special site designed for our credit card customers. It offers a clean, simple design and features about 40 of our most popluar products for work or home use. Find video maginifers, talking calculators, Talking Book players, braillewriters, and more!

Visit **showcase.aph.org** today!

Video Contest

Be an Unforgettable APH Star!

unforgettable APH Star

APH periodically hosts a products video contest! Students, parents, teachers, administrators, rehab instructors, and customers are invited to shoot their own video demonstrating uses of their favorite APH products.

"Mario the Gr8t," 1st Place Winner!

Judging

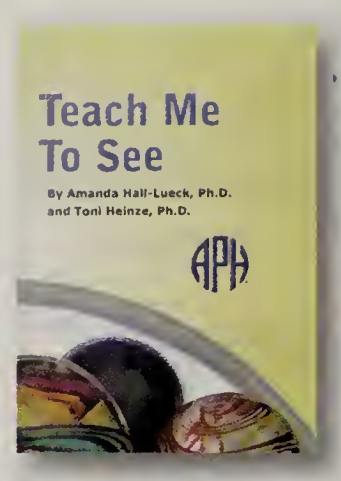
Videos are judged on the effectiveness of the message and the content. Show us how you use APH products in traditional and/or unique ways—be creative, teach us something new, and have fun!!

Prizes

Cash prizes will be awarded to the top three videos.

Contest Information

Find out more about this exciting contest at: **www.aph.org/contest**



Videos

Videos

APH offers videos for purchase on a wide variety of topics. This is a complete list of videos in this catalog.

Online Videos

In addition, visit the APH website to view a growing selection of free-of-charge streaming video product guides. **www.aph.org/videos**

Title **Page**

APH Homegrown Videos: **This series offers brief overviews of various APH products:**

Crafty Graphics: Stencil Embossing Kit 86
ENVISION I: For Distance Devices 127
ENVISION II: For Near-Magnification Devices 127
Lighting Guide Kit 137
Loving Me: An Overview 176
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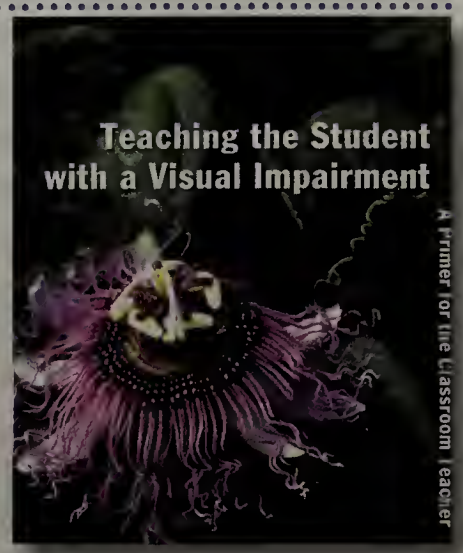
Teaching the Student with a Visual Impairment: A Primer for the Classroom Teacher

Teaching the Student with a Visual Impairment (TSVI) assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision.

TSVI includes an extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students.



TSVI manual, binder, consumable forms, and CD-ROM: 1-08290-00.....$67.00

Materials Packet Only: 1-08290-01.....$16.00

Self-Esteem and Adjusting with Blindness: The Process of Responding to Life's Demands, 2nd Edition

By Dean and Naomi Tuttle, ©1996

This classic book explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. It provides a clear and concise overview for professionals. It helps blind people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life. Print edition is 14 point type.

Braille: 5-00500-00.....$178.00
Print: L-96229-00.....$95.50

Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem

Loving Me, written by Billy T. Brookshire, is designed for those who seek to help people who are blind and visually impaired, their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

The two-binder set contains 120 activities from which to build self-esteem workshops. Children, transition-age youths, and adults can all benefit from the good balance between the theoretical and practical aspects of self-esteem in this book.

***Loving Me* Book, Large Print/CD:**
7-02500-00.....$111.00

Loving Me: An Overview Homegrown Video

This video in APH's Homegrown Series takes the viewer to a workshop conducted by Billy Brookshire, author of the Loving Me self-esteem workshop guide. Blind and visually impaired students and adults, parents, teachers, and other professionals participate in workshop activities designed to enhance self-esteem.

***Loving Me: An Overview* Video, DVD: 1-30021-DVD.....$10.00**

Studio Recorder Software

Originally created by APH to serve as an internal tool for creating direct-to-digital audio recordings, Studio Recorder™ software contains many features that make recording, editing, and proofreading audio books easy. It is a powerful digital recording and editing software package geared specifically for making recordings of the spoken word and includes features not found in similar programs primarily designed for music production.
Requires Windows® 98 or later

Studio Recorder:
CD-ROM: D-03600-00.....$200.00
Digital Download: D-03600-ED.....$200.00

Find detailed software purchasing instructions in the "How to Order" section, **pg. 209**. Download APH Software Demos: **http://tech.aph.org**

The Impressor: Braille Business Card Embosser

Easily create your own braille business cards! Similar to the stamp used by notary publics. The die which embosses braille on your card is custom-made with your information. Embosses up to 4 lines, 13 braille cells per line.

Easy to Use

- Insert a standard 3 1/2 x 2 inch business card into the embosser.
- Squeeze – and your card is brailled instantly!

Call **800-223-1839** to initiate an order, mail a copy of your business card, and we will call to confirm your information.

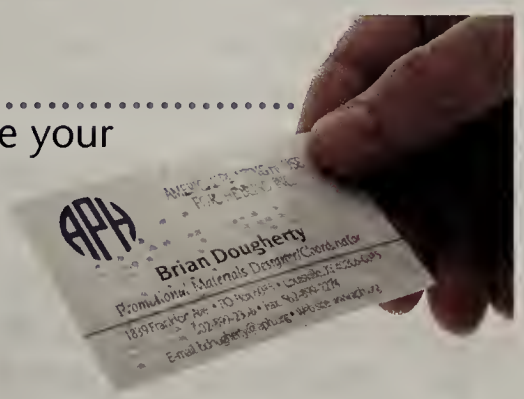
Impressor: 1-03380-00.....$160.00

Revising Your Impressor

Should the information on your business card change, we can easily revise your Impressor. Call **1-800-223-1839** for more information.

Impressor Revised: 1-03380-01.....$68.00

The Impressor and Impressor Revised are not available with Quota funds.

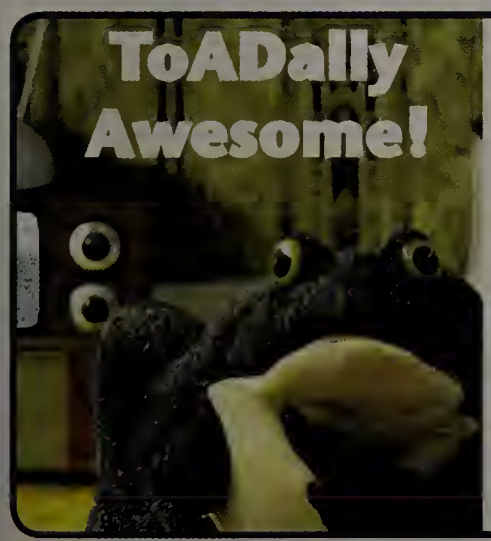


Materials Carry-All

Sturdy, lightweight container for storing and transporting materials of all types. The hinged lid is attached to the base and includes integrated plastic latches for convenience and ease of use. The side-opening design provides more usable space with better visibility of contents as compared to the previous model.

Measures 10 1/2 x 27 x 16 inches, weight: 4 lbs.

Materials Carry-All: 1-02592-00.....$55.00



Find Product Videos and More!

Ever wanted a tip, an overview, or detailed information about APH products in a fun-to-use format? Visit our **Videos and Webcasts** page! This page contains a compilation of APH product videos, webcasts, and PowerPoints in a comprehensive list organized by product name. Check it out today! **www.aph.org/videos/**

Modern Methods of Teaching Braille

Contains letter drills and word drills. To help beginners, earlier lessons are in sentences, rather than whole stories. Must be used with Teacher's Manual since student text contains no print or braille explanations.

Book 1:
Student Text: 5-82850-00.....$33.00
Teacher's Manual:
Print: 7-82900-00.....$25.00
Braille: 5-82860-00.....$25.00

Book 2:
Student Text: 5-82870-00.....$31.00
Teacher's Manual
Print: 7-82890-00.....$25.00
Braille: 5-82880-00.....$25.00

Braille: A Different Approach

A useful book for those wishing to review Uncontracted or Contracted Braille. Especially useful with an instructor.

Complete Set: 5-16750-00.....$107.00

Replacement Items:

Instructor's Manual, Braille: 5-16750-04.....$25.00

Instructor's Manual with writing exercises, CD: 5-16750-CD.....$5.00

Uncontracted Braille: 5-16750-01.....$27.00

Contracted Braille,
Volume 1: 5-16750-02.....$25.00
Volume 2: 5-16750-03.....$25.00

Getting in Touch with Reading: A Fresh Approach

Designed for beginning braille readers.

Grade 1 Braille, Print/Braille: 5-47160-00.....$25.00

Grade 2 Braille: 5-46190-00.....$66.00

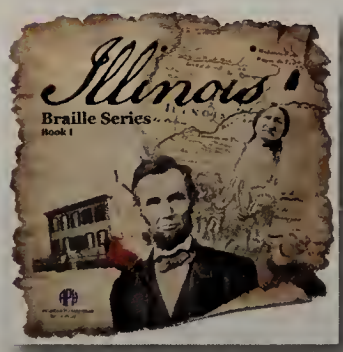
Teacher's Manual, Print: 7-47160-00.....$5.00

Handbook for Learning to Read Braille by Sight

By Leland Schuert, ©1996

A basic manual for learning contracted braille, designed specifically for sighted parents, teachers, and others.

Regular Print: 7-51450-00.....$29.00



Illinois Braille Series *by Illinois Braille Committee of 1992 ~ ©1992*

Program for teaching literary braille to former print readers. Includes raised print letters, enlarged braille, tracking guides, functional reading activities, writing drills, and topics specific to blindness. This 3 vol. set progresses from uncontracted to contracted braille in 50 lessons.

Note: Content has not changed, but braille formatting has been improved.

Book 1, **Uncontracted Braille Revised:**
Revised! **Braille: 5-17230-01.....$26.00 Print: 7-17230-00.....$18.00**

Book 2, **Beginning Contracted Braille Revised:**
Revised! **Braille: 5-17240-01.....$19.00 Print: 7-17240-00.....$18.00**

Book 3, **Completing Contracted Braille Revised:**
Revised! **Braille: 5-17250-01.....$19.00 Print: 7-17250-00.....$18.00**

Braille Codebooks – NLS

Through a national network of cooperating libraries, The National Library Service for the Blind and Physically Handicapped (NLS) administers a free library program of braille and audio materials circulated to eligible borrowers in the United States. NLS also publishes a wide range of authoritative books on learning various braille codes. Here are our popular sellers from NLS:

Introduction to Braille Mathematics, 1972

Braille: 5-60050-00.....$157.00
Print: 7-60050-00.....$89.00

Introduction to Braille Music Transcription Second Edition, 1972 (with 1974 Addenda A-C)

Braille: 6-75961-00.....$262.00

Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing. The following BANA titles are available in both print and braille editions:

English Braille, American Edition, 1994, Revised 2002

Braille: 5-35932-00.....$48.00
Print: 7-35932-00.....$48.00

Nemeth Code for Mathematics and Science Notation, 1972 Revision

Braille: 5-87430-00.....$63.00
Print: 7-87430-00.....$63.00

Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems

Braille: 5-68654-00.....$12.00
Print: 7-68654-00.....$12.00

Braille Code for Chemical Notation, 1997

Braille: 5-16900-00.....$35.00
Print: 7-16900-00.....$35.00

Code for Computer Braille Notation, 2000

Braille: 5-24410-00.....$25.00
Print: 7-24410-00.....$17.00

Computer Braille Code: Flowchart Design for Applicable Braille Codes Supplement, 1992

Braille: 5-24440-00.....$28.00
Print: 7-24440-00.....$28.00

Guidelines for Linear Braille Format, 1987

Braille: 5-09650-00.....$7.00
Print: 7-09650-00.....$7.00

Music Braille Code, 1997

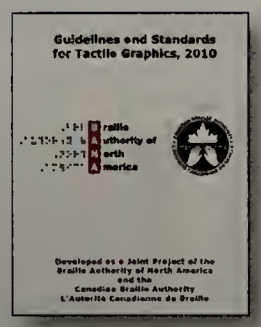
Braille: 5-09651-00.....$57.00
Print: 7-09651-00.....$57.00

Learning the Nemeth Braille Code: A Manual for Teachers and Students, 1987

Braille: 5-68653-00.....$37.00
Print: 7-68653-00.....$37.00

BANA Guidelines and Standards for Tactile Graphics, 2010

Includes 35 tactile graphic examples from the mathematics, science, and social studies disciplines.



Print: 7-35935-00.....$59.00
Supplement: 7-35936-00.....$113.00

"Special Touch" Gift Items

APH "Special Touch" Gift Items

APH has fun and useful gift items for the whole family!

For APH shirts, simply order by the catalog number listed in the chart under the corresponding size and color.

Note: APH gift items are *Not available with Quota funds.*

SHIPPING CHARGE

All shipments of gift items will incur UPS shipping rates based on the destination.

APH InSights Large Print/Braille Art Calendar

Twelve month large print/braille calendar features the artwork of visually impaired artists. Includes months, days, holidays, and moon phases. Use at a desk or hang on a wall. Pages fold over easily.

APH InSights Calendar 2016

Featuring Artwork by Visually Impaired and Blind Artists
American Printing House for the Blind, Inc.

Makes a Great Fund-Raiser

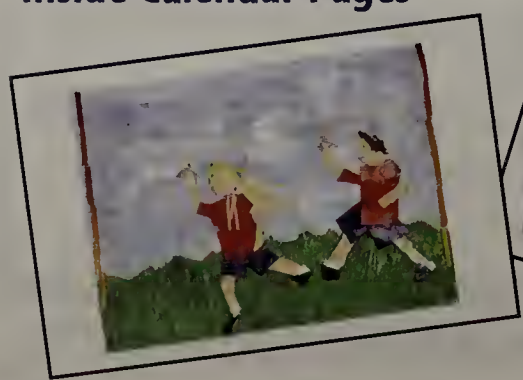
Art calendars can be purchased in quantities at a special price for fund-raising projects. Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, **1-800-223-1839**.

Recommended ages: 4 years and up.

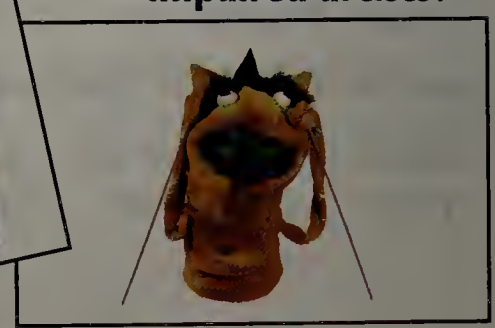
Single copy, APH InSights Calendar 2016: 5-18971-16.....$7.00

Note: The APH Insights Calendar MAY be purchased with Federal Quota funds; *however, quantity purchases of this calendar for fund-raising purposes MAY NOT be purchased with Quota funds.*

Inside Calendar Pages



Artwork of visually impaired artists!



APH "Special Touch" Gifts

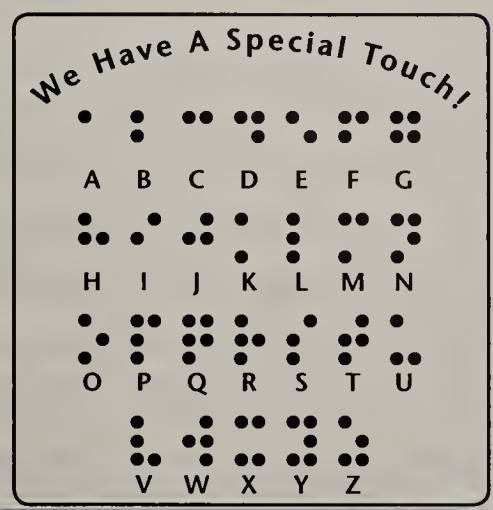
For APH shirts, simply order by the catalog number listed in the chart under the corresponding size and color.

Short Sleeve Braille T-Shirts

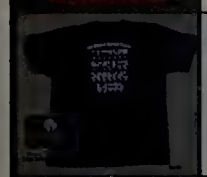
The front of this high quality, 100% cotton shirt has an APH logo in the upper left, while the back has the braille alphabet in puff ink and the slogan "We Have a Special Touch!"

Front

Back



Short Sleeve Braille T-Shirts (adult sizes only) – $10.00 each + shipping. *Not available with Quota funds.*

	Color	Small	Medium	Large	X-Lrg	XX-Lrg
	Pink	W-TSPK-SM	W-TSPK-MD	W-TSPK-LG	W-TSPK-XL	W-TSPK-XX
	Black	W-TSBK-SM	W-TSBK-MD	W-TSBK-LG	W-TSBK-XL	W-TSBK-XX
	Jade	W-TSJD-SM	W-TSJD-MD	W-TSJD-LG	W-TSJD-XL	W-TSJD-XX
	Navy	W-TSNY-SM	W-TSNY-MD	W-TSNY-LG	W-TSNY-XL	W-TSNY-XX
	Red	W-TSRD-SM	W-TSRD-MD	W-TSRD-LG	W-TSRD-XL	W-TSRD-XX
	Royal Blue	W-TSDB-SM	W-TSDB-MD	W-TSDB-LG	W-TSDB-XL	W-TSDB-XX
	Purple	W-TSPU-SM	W-TSPU-MD	W-TSPU-LG	W-TSPU-XLG	W-TSPU-XX
	Yellow	W-TSYL-SM	W-TSYL-MD	W-TSYL-LG	W-TSYL-XLG	W-TSYL-XX

APH Replacement Parts Catalog

Welcome to our APH Replacement Parts Catalog, consisting of the most commonly requested replacement items for APH products.

If you don't see a replacement part you're looking for, check: **http://shop.aph.org**
As new products are added, replacement parts will be added to the shopping site.

Placing Your Order: To expedite your order, please use the catalog number and description listed. Some items you receive may differ slightly from those pictured. Some items are available only in the collections featured and cannot be divided into smaller groups.

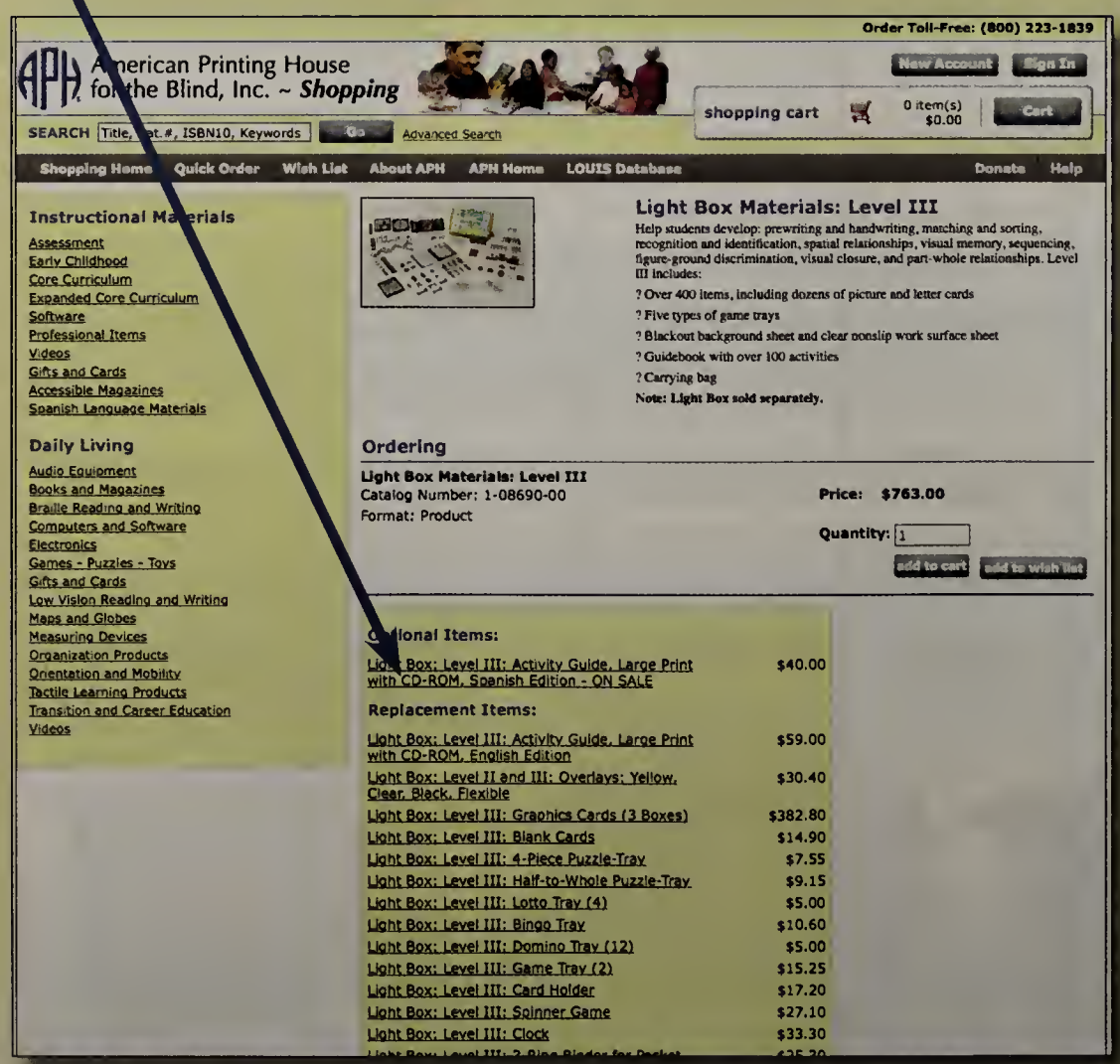
We accept **Visa®**, **MasterCard®**, **Discover®**, and **American Express®** or you may send a check, money order, pre-approved purchase order, or Federal Quota order. Please do not send cash. Please do not email your credit card number. Contact our Customer Relations Department with any questions or suggestions you may have, **cs@aph.org**

Prices are subject to change without notice.

Note: *For reference purposes, the photos in the Replacement Parts Catalog depict the entire content of each kit. Please note that not all items pictured are available for separate purchase as replacement parts.*

Note: *$15.00 minimum order for parts is no longer required.*

Order Your Replacement Parts Using APH's Shopping Site!



Ordering replacement parts for APH kits and other products is easy at **http://shop.aph.org**

Locate replacement parts by:

- Using the search box in upper left.
- Scrolling toward the bottom of main product pages. Many main product pages contain a yellow box directly under the Ordering area. Depending on the product, the yellow box may contain Optional, Replacement, or Related Items.

Note: Please contact our Customer Relations staff with any questions you may have about APH replacement parts.

APH Replacement Parts Catalog

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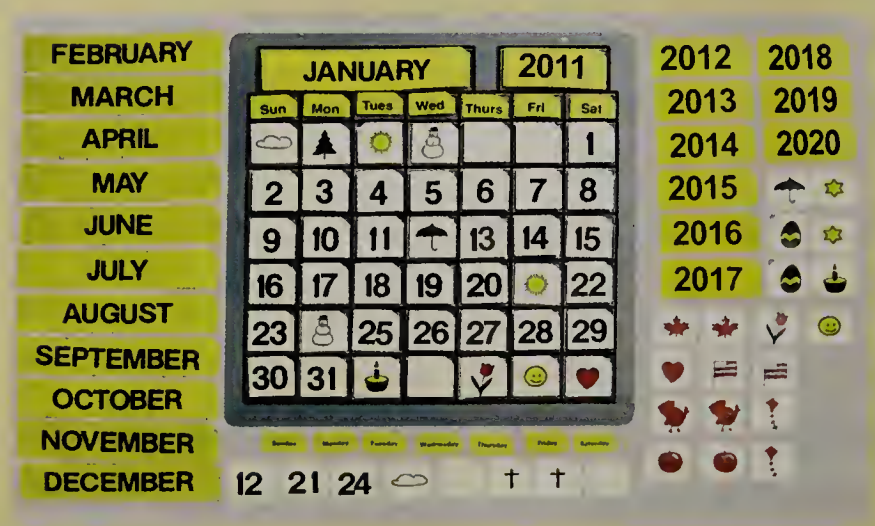
ENVISION Emu Puppet

WARNING: Choking Hazard—Small Parts.

1-08856-00: Azer's Periodic Table Study Set, pg. 64

61-167-032 .... Atomic Model w/Acc. $47.20
61-167-033 .... Storage Binder w/Acc. $81.50
61-167-034 .... Bag A $76.15*
61-167-035 .... Bag B $81.65*
61-167-036 .... Bag C $80.05*

**Bag A, B, and C contain Element and Accessory Pieces with hook material dots*



1-18970-00: Classroom Calendar Kit, English Edition, pg. 90

61-410-002 ... Calendar Grid $38.65*
61-410-004 ... Day Numbers $10.65*
61-410-006 ... Year Cards $8.05*
61-410-008 ... Months (Jan-Jun) $5.30*
61-410-010 ... Months (July-Dec) $5.50*
61-410-011 .... Graphics/Blank Cards/ Day Cards/umbrella, flag, etc. $15.75
61-410-012 ..... Graphics/Blank Cards/Day Cards/kite, clouds, etc. $5.70*
61-410-014 ..... Black Self-Adhesive Hook Material $5.00*
61-410-015 ..... White Self-Adhesive Loop Material $8.90*
61-410-017 ..... Print Instructions $5.00
35-016-566 ..... CD Instructions $5.00*

**Also used in the Spanish Edition, 1-18973-00*

Mini-Lite Box not included

1-08844-00: Crafty Graphics Stencil Embossing Kit, pg. 86

61-151-419 .... Unique Stenciling Tools $39.65
61-151-424 .... Whole Objects Stencil Pk $31.70
61-151-430 .... Stenciling Accessories Pk $19.70
61-151-431 .... Brass Stencils Pack $42.75

1-08857-00: DRAFTSMAN Tactile Drawing Board, pg. 87

61-151-070 ..... Tactile Drawing Tool $7.75
61-154-061 ..... Tactile Ruler $20.90
61-154-064 ..... Carrying Case $13.45

1-08551-00: ENVISION I Distance Kit pg. 126

61-320-007 ..... Distance Card Pack $56.95

1-08552-00: ENVISION II Near Magnification Kit, pg. 126

61-320-019..... Emu Puppet $16.65

1-08651-00 and 1-08652-00: Expandable Calendar Boxes, pg. 80

61-142-003..... U-Channel, 1/2 x 8.5 in., Black $7.45
61-142-004 ..... U-Channel, 1/4 x 4 in., White $5.00
61-142-005..... U-Channel, 1/2 x 8.5 in., White $6.30
61-142-006..... Black Foam Boxes w/U-Channels $88.30
61-142-007..... White Foam Boxes w/U-Channels $91.35

1-08420-00: Fine Motor Development Materials: Twist, Turn, and Learn, pg. 27

61-135-001....Module, Fun Flower $85.85
61-135-014....Module, Clown Pull..... $88.85
61-135-027....Module, Rattle $72.05
61-135-034....Module, Happy Airplane..... $70.65
61-135-040 ...Module, Bell Chime..... $61.15
61-135-047....Module, Spinner $44.35
61-135-051....Overlay, Cross/Spiral $5.65
61-135-052....Overlay, Yin Yang/Half & Half ... $5.65
61-135-054 ...Module, Hook/Loop Pull $58.15
61-135-058.....Module, Hidden Pocket $41.00
61-135-063.....Strap, Support..... $5.00
61-135-064 .....Bag, Yellow $43.00

1-08280-01: Focus in Mathematics Kit, 2nd Ed., pg. 42

61-115-060.... Pack F, Wooden Cubes..... $16.55
61-115-073.... Pack I, Height Cylinders $16.80
61-115-081.... Pack J, Width Bars..... $9.45
61-115-088.... Pack K, Weighted Containers $31.95
61-115-232.... Activity Sheets..... $31.35
61-115-234.... Pack, Corks, Wiffle Balls, Clothespin, etc.... $22.35
61-115-235 .....Pack B Nuts, Bolts and Washers $5.00
61-115-236 .....Pack C, Knives, Forks and Spoons $5.00
61-115-237 .....Pack E, Irregular Shape Puzzles $8.40
61-115-239 .....Pack X, Raised Shape Count Cards $27.50
61-115-240 .....Pack Y, Raised Shape Number Cards..... $27.50
61-115-241 .....Pack D, Geometric Shapes $93.90
61-115-274 .....Pack T, Base Ten Blocks, Rods..... $11.95
61-115-275 .....Pack U, Base Ten Blocks, Flats $11.95
61-115-277 .....Pack R, Pop Cubes..... $16.15
61-115-278 .....Pack S, Base Ten Blocks..... $7.25
61-115-279 .....Pack W, Diagram Strips and Geometric Shapes..... $24.75
61-115-280 .....Pack H, Length Sticks $7.90
61-402-051 .....Pack L, Felt Board $8.05
61-421-090 .....Pack V, Tactile Token Set $13.15

1-03290-00: Fractional Parts of Whole Sets, pg. 52

61-213-006 .....Plastic Form Boards $12.20
61-213-008 .....Circles..... $25.20
61-213-018.....Guide, Print..... $6.90
61-213-023.....Work Tray $22.15

1-08440-00: Game Kit, pg. 167

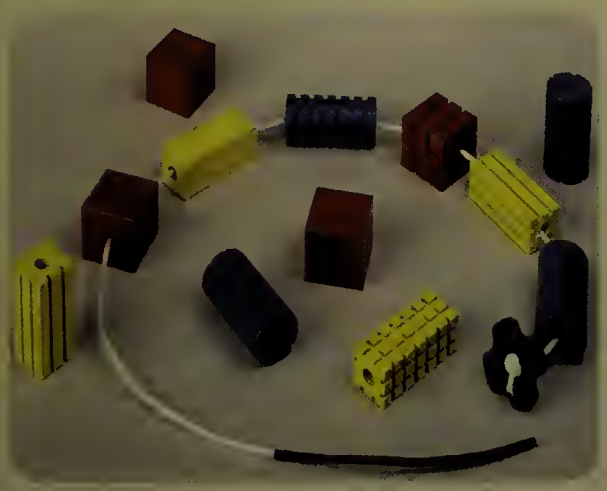
61-131-002....Square Line Game Board $23.40
61-131-003....Maze Line Game Board $23.25
61-131-005....Straight Line Game Board..... $9.70
61-131-015 ....Draw/Discard Rack..... $22.40
61-131-035 ....Suggested Uses Bklt, Print $5.00
61-131-036....Manual, Print $34.15

61-131-142 ..... Storage Box Packed with:..... $51.95

- Spinner Overlay Set
- Index Cards
- Dice Shaker Cup
- Card Holder Set
- Materials Bag *(avail. separately, 61-131-045)*
- Game Token Set
- Standard and Braille Dice

61-131-143..... Spinner Assembly..... $38.10

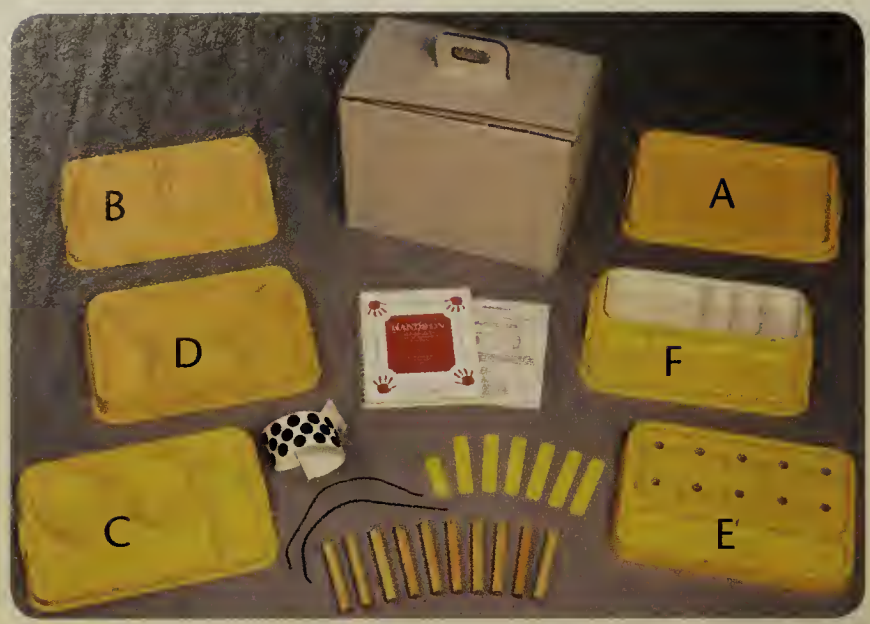
***WARNING: Choking Hazard**—Small Parts.*



1-03780-00: Giant Textured Beads, pg. 29

61-210-021 .....Red Cube, Smooth $5.45
61-210-022 .....Red Cube, Striped $5.45
61-210-023 .....Red Cube, Grid $5.45
61-210-024 .....Yellow Rectangle, Smooth.....$5.45
61-210-025 .....Yellow Rectangle, Striped.....$5.45
61-210-026 .....Yellow Rectangle, Grid.....$5.45
61-210-027 .....Blue Cylinder, Smooth $5.45
61-210-028 .....Blue Cylinder, Striped $5.45
61-210-029 .....Blue Cylinder, Grid $5.45

WARNING: Strangulation Hazard.



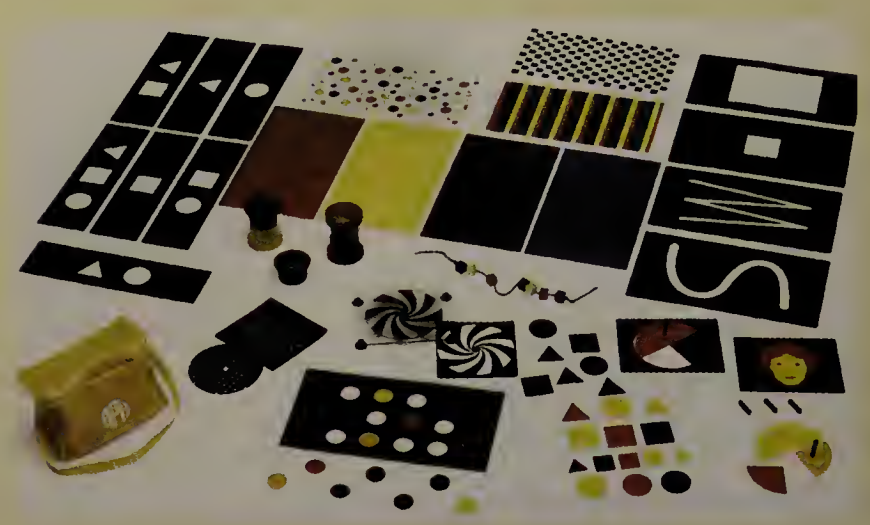
1-03260-00: HANDS ON Kit, pg. 27

61-128-002 ... Work Tray (A) $29.60
61-128-004 ... Sorting Tray (B) $29.60
61-128-005 ... Bowl Tray (C).....$29.60
61-128-006 ... Sorting Tray (D).....$29.60
61-128-007 ... Multi-Section Tray (F)
does not include white tray insert.....$29.60
61-128-008 ... Flashlight Insert $7.25
61-128-011 .... Foam Tray (E) $34.30
61-128-026.... Bag with Small Parts $61.85

1-03105-00: Hundreds Boards, pg. 52

61-219-001 ...Grid Board $34.85
61-219-002 ...Number Board $34.80
61-219-003 ...Print Teacher's Booklet $5.00
61-219-004 ...Braille Teacher's Booklet $18.60
61-219-006 ...Bag of Red Circles $7.85
61-219-007 ...Bag of Blue Squares.....$7.85
61-219-008 ...Bag of Yellow Stars.....$7.85
61-219-009 ...Bag of Green Triangles $7.85
61-220-029 ...VELCRO® brand Black
Adhesive-Backed Hook Patch..... $5.00

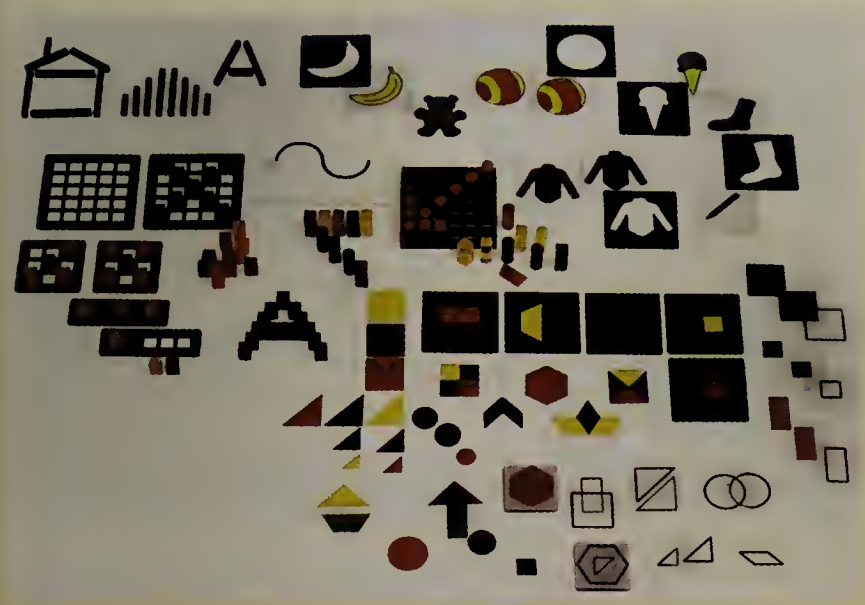
61-220-030 ..... Bag of VELCRO® brand Hook Squares $6.70
61-220-031 ..... VELCOIN® brand white Adhesive-Backed loop dots..... $5.00



1-08670-00: Light Box Materials, Level I, pg. 132

61-156-084 ... Threading Beads only $72.50
61-156-098 ... Vinyl Sheet Set $41.20
61-156-099 ... Pattern Set/Stripes,
Checks, Dots $41.35
61-156-110 .... Plastic Tumblers..... $83.10
61-156-149 .... Carry Bag with
Cardboard Inserts $37.85

61-156-173 ..... Face Puzzle $26.60
61-156-174 ..... Ball Puzzle $41.85
61-156-175 ..... Background Set w/Opaque Shapes..... $59.90



1-08680-00: Light Box Materials, Level II, pg. 132

61-157-022.... Colored Cube Set $181.60
61-157-031 .... Black Opaque Sticks..... $79.00
61-157-042.... Parquetry Piece Set..... $85.95
61-157-091 .... Pattern Guide/Blank Set/Black Geometric Shapes $15.60
61-157-112..... Stencil/Blanks, Set D/Black Hairbrush, Shirt, Bear, etc. $15.60
61-157-113..... Stencil/Blanks, Set E/Black Banana, Spoon, Sock, etc..... $14.20
61-157-114..... Stencil/Blanks, Set F/Black Apple, Knife, Ice Cream Cone, etc. $14.20
61-157-142 ..... Overlays/Yellow, Clear, Black Background, Flexible Sheet $37.80
61-157-176..... Outline Shape Cards $27.80
61-157-192 ..... Raised Outline Shape Cards $12.20
61-157-201 ..... Blank Vinyl Cards (4 x 4 in. & 6 x 6 in.) $19.45
61-157-206 ..... 4 x 4 in. Pocket Page, 3-Pocket $5.00
61-157-207 ..... 6 x 6 in. Pocket Page $5.00
61-157-208 ..... 3-Ring Binder $25.75
61-157-213 ..... Carry Bag with Inserts $60.25
61-157-243 ..... Foam Grid Set/Black Square Cutouts $31.55

Light Box not included.

1-08690-00: Light Box Materials, Level III, pg. 132

61-157-142 .... Overlays/Yellow, Clear, Black Background, Flexible Sheet..... $30.40
61-169-001 ... Graphics Cards $382.80
61-169-254.... Blank Cards $15.10
61-169-339 .... Puzzle/Tray..... $7.70
61-169-340.... Half-to-Whole Puzzle/Tray..... $9.30
61-169-341 .... Lotto Tray..... $5.00
61-169-342..... Bingo Tray $10.75
61-169-343..... Domino Tray..... $5.00
61-169-344..... Game Tray..... $15.50
61-169-345..... Card Holder..... $17.55
61-169-346..... Spinner Game..... $28.45
61-169-347..... Clock..... $33.80
61-169-361 ..... 3-Ring Binder for Pocket Pages..... $25.30
61-169-367..... Tote Bag with Padding..... $69.55
61-169-415..... Printed Pocket Page/Inserts for Binder $108.50
61-169-416..... Game Token/Card Cover Set $23.65

7-03560-00 & 5-03560-00: MathBuilders Unit 1: Matching, Sorting, and Patterning, pg. 43

61-421-051 ... Manipulatives Set..... $213.45

- Shapes Set
- Bell Bracelet
- Pack H, Red Length Sticks
- Rattle
- Bag B, Textured Shapes
- Embossed Point Symbol Sticker Pack
- Felt Board, Blue

WARNING: Choking Hazard—Small Parts.

7-03562-00 & 5-03562-00: MathBuilders Unit 5: Measurement and Estimation, pg. 43

61-421-065 ... Manipulatives Set..... $214.80
Measurement Tools/Carry Box

WARNING: Choking Hazard—Small Parts.

7-03563-00 & 5-03563-00: MathBuilders Unit 6: Geometry, pg. 43

61-421-071 ... Manipulatives Set..... $287.55

- Bag A, Diagramming Strips
- Felt Board, Blue: 7.625 x 10.75 inches
- Geometro Shapes Set/ Carry Box
- Geometro GS16 Mini Shape Set
- 3-D Figures Set

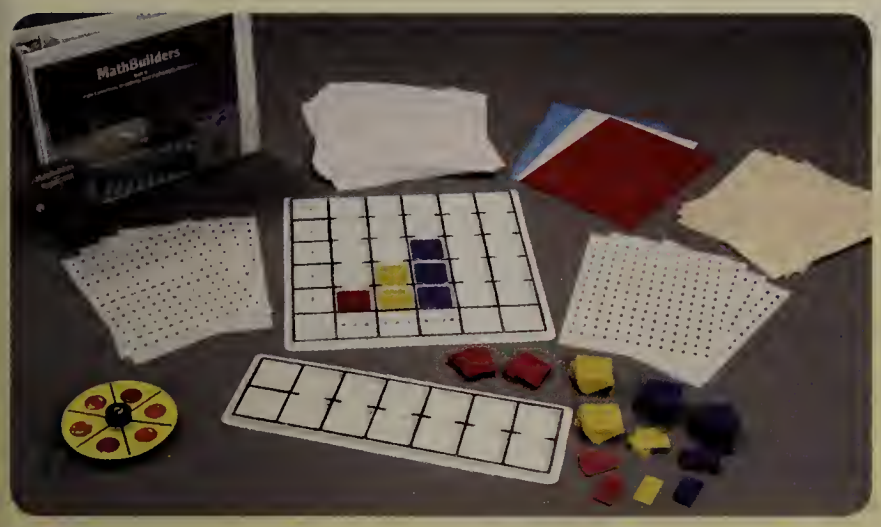
WARNING: Choking Hazard—Small Parts.

7-03564-00 & 5-03564-00: MathBuilders Unit 7: Fractions, Mixed Numbers, and Decimals, pg. 43

61-421-083 ... Manipulatives Set..... $243.90

- Fraction Bars Set
- Decimal Bars Set
- Tactile Token Set
- Carry Box
- Circles Set
- Fractions Circles Tray
- Fractions/Decimal Bars Tray

WARNING: Choking Hazard—Small Parts.



7-03565-00 & 5-03565-00: MathBuilders Unit 8: Data Collection, Graphing, and Probability/Statistics, pg. 43

61-421-091 ... Manipulatives Set..... $140.80

- Numbers Sticker Pack
- Spinner
- Carry Box
- Graphing Grid Tray, 2x7 squares
- Graphing Grid Tray, 6x6 squares
- Graphing Squares/ Rectangles
- Spinner Overlays

WARNING: Choking Hazard—Small Parts.

1-03480-00: Number Line Device, pg. 49

61-267-037..... Directional Pegs..... $5.95
61-267-038..... Vinyl Scales $39.50

WARNING: Choking Hazard—Small Parts.

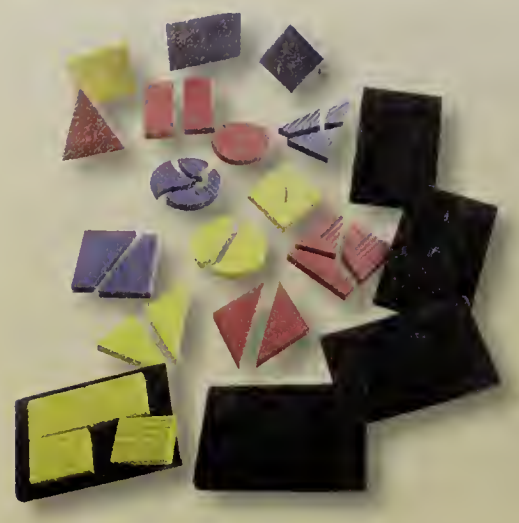
1-03420-00: Peg Kit, pg. 30

61-250-001 ..... Peg, 1 in. Yellow, 1-groove..... $5.00
61-250-002 ..... Peg, 1.875 in. Yellow, 3-grooves $5.35
61-250-003 ..... Peg, 1.875 in. Red, 1-groove $5.35
61-250-004 ..... Peg, 1 in. Red, 2-grooves $5.00
61-250-005 ..... Peg, 1 in. Red, 3-grooves $5.00
61-250-006 ..... Peg, 1 in. Blue, 1-groove..... $5.00
61-250-007 .....Peg, 1.875 in. Blue, 2-grooves..... $5.35
61-250-008.....Peg, 1 in. Blue, 3-grooves..... $5.00
61-250-009.....Peg, 1 in. Yellow, 2-grooves..... $5.00
61-250-010 .....Peg Kit Container $20.70
61-250-015 .....Frames..... $10.80

1-08838-00: Picture Maker: Wheatley Tactile Diagramming Kit, pg. 144

61-151-167 .....Diagramming Strips $44.00
61-151-168 .....Textured Shapes.....$51.25
61-151-170 .....Binder Inserts (Covers) $5.00
61-151-171 .....Accent Pieces $8.40
61-314-026.....Felt Board $27.35

WARNING: Choking Hazard—Small Parts.



1-03721-00: Puzzle Form Board Kit, pg. 30

61-225-024 ..... Red Puzzle Pieces $40.80
61-225-025 ..... Yellow Puzzle Pieces $40.80
61-225-026 ..... Blue Puzzle Pieces $40.80
61-225-048 ..... Square Tray $9.10
61-225-049 ..... Diamond Tray $9.10
61-225-050 ..... Triangle Tray $9.10
61-225-051 ..... Rectangle Tray $9.10
61-225-052 ..... Circle Tray $9.10

1-01110-00: Recognizing Landforms, pg. 70

35-016-127 ..... Manual, CD $5.00
61-254-002 ..... Teacher's Manual, Print $30.40
61-254-003 ..... Instructional Program, Print $9.95
61-254-015 ..... Landform, Composite I $28.40
61-254-016 ..... Landform, Composite II $28.40
61-254-018 ..... Landform, Numbers 0-3, 8 x 8 in., Set A $28.40
61-254-019 ..... Landform, Numbers 4-7, 8 x 8 in., Set B $28.40

1-08854-00: SAM: Symbols and Meaning, pg. 81

61-155-003 ..... Plastic Pages for Object Books $31.00
61-155-016 ..... Collapsible Basket $17.90
61-155-017 ..... Story Bags $23.65

WARNING: Choking Hazard—Small Parts.

1-08462-00: Scattered Crowns, pg. 167

61-133-102 ..... 3-Part Attribute Roller $32.90
61-133-103 ..... Single Attribute Roller Set $29.55
61-133-106 ..... Crown Game Piece Set with hook/loop material dots $37.25
61-133-107 ..... Black Masking Card Set with hook/loop material dots $15.10
61-133-108 ..... Crown Collector Set $33.80
61-133-109 ..... Instructions, Print/Braille $12.40

WARNING: Choking Hazard—Small Parts.

1-03650-00: Seated Parquetry Set, pg. 130

61-285-012 ..... Instructions, Print $5.00
61-285-015 ..... Red Parquetry Pieces $6.90
61-285-016 ..... Yellow Parquetry Pieces $6.90
61-285-017 ..... Purple Parquetry Pieces $6.90
61-285-018 ..... Green Parquetry Pieces $6.90
61-285-019 ..... Brown Parquetry Pieces $6.90
61-285-020 ..... Blue Parquetry Pieces $6.90
61-285-052 ..... Boards, Set A $25.10
61-285-053 ..... Boards, Set B $25.10
61-285-054 ..... Boards, Set C $25.10
61-285-055 ..... Boards, Set D $25.10
61-285-056 ..... Boards, Set E $25.10

1-08611-00: Sensory Learning Kit, pg. 26

61-112-041 .... Bell Bracelet $5.00
61-141-013 .... Ice Pack $12.05
61-141-021 .... Massager $17.25
61-141-054 .... Flashlight Pack *(flashlight only)* ... $18.45
61-141-055 .... Colored Lenses $7.35
61-141-056 .... Lens Set $7.35
61-141-073 .... Mirror with Stand $14.10
61-141-121 ..... Tactile Roller Set $11.95
61-141-202 ..... Fan $21.35

WARNING: Choking Hazard—Small Parts.

1-08853-00: Setting the Stage for Tactile Understanding, pg. 106

61-154-014 .... Object Cards $11.00
61-154-015 .... Raised-Line Picture Cards $11.00
61-154-016 .... Tactile House Views $27.25
61-154-017 .... Tactile House Model $10.75
61-154-018 .... Black Line Masters $5.00
61-154-019 .... Sorting Tray $30.35
61-154-031 .... Objects and Accessories $50.75

WARNING: Choking Hazard—Small Parts.

1-03230-00: Shafer Reading Stand, pg. 94

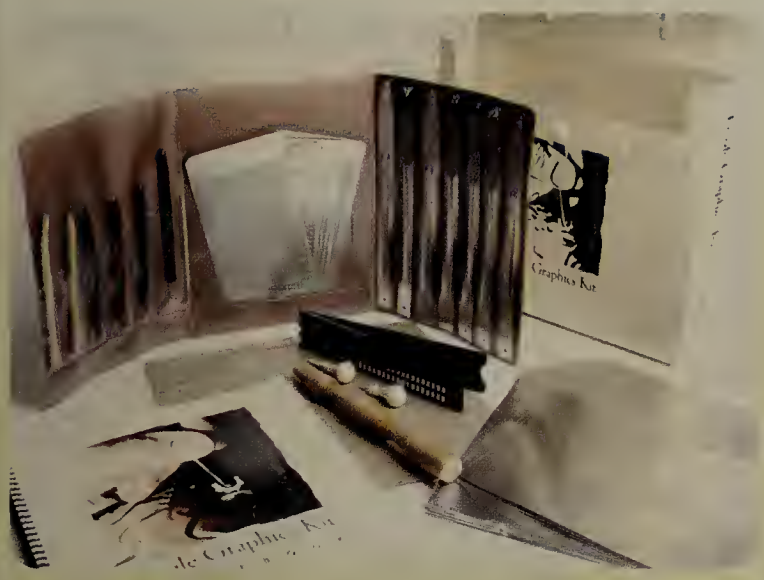
61-081-001 .....Mailing Tube and End Caps for Vertical Support Rod $7.80
61-165-026..... Washer, 5/16 in., Flat Ground $5.00
61-345-006 ..... Collar $5.00
61-345-007 ..... Crutch Tips..... $5.00
61-345-012..... Wing Nut, 5/16 in..... $5.00
61-345-014 ..... Base Plate $21.00
61-345-015..... Thumbscrew, 5/16 in. $5.00
61-345-017..... Hex Bolt, 5/16 in., All-thread $5.00
61-345-019..... Hex Head Bolt, 3/8 in. $5.00
61-345-030 ..... Lock Washer, 5/16 in..... $5.00
61-345-031 ..... Instructions, Print $5.00
61-345-032 ..... Vertical Support Rod..... $20.55
61-345-034 ..... Book Support Tray with Brackets $78.15
61-345-037 ..... S-3 Bracket with Stud..... $40.80
61-345-039 ..... S-1 Arm with Stud $39.60
61-345-042 ..... S-1 Arm without Stud $34.50
61-345-043 ..... Reading Stand Base..... $66.45
61-345-044 ..... Reading Stand Leg $17.45

Note: Customers who order the Vertical Support Rod (61-345-002) must also order the accompanying Mailing Tube (61-081-001).

1-08960-00: StackUps, pg. 47

61-361-002 ....Stacked Cube Arrangement Card Set . $61.35
61-361-003.....Raised Line Grid Pack with hook/loop material dots $40.25
61-361-006 ....Mat Plan Card Set $72.05

WARNING: Choking Hazard—Small Parts.



1-08851-00: Tactile Graphics Kit, pg. 85

61-151-011 ....Modeling Stick, for Clay $5.00
61-151-035 ....Carrying Case $28.90
61-151-040....Tactile Graphics Hammer $20.00
61-151-048....Areal Pattern Plate, #1 .....$13.55
61-151-049....Areal Pattern Plate, #2 .....$13.55
61-151-050....Areal Pattern Plate, #3 .....$13.55
61-151-051 ....Areal Pattern Plate, #4 .....$13.55
61-151-056....Tong Tool, A-point Symbol $8.25
61-151-057 ....Tong Tool, B-point Symbol $8.25
61-151-058....Tong Tool, C-point Symbol $8.25
61-151-059....Tong Tool, D-point Symbol..... $8.25
61-151-060....Tong Tool, E-point Symbol..... $8.25
61-151-061 ....Tong Tool, F-point Symbol $8.25
61-151-062....Tong Tool, G-point Symbol..... $8.25
61-151-068....Tool Pouch.....$20.80
61-151-072....Roller Tool..... $7.25
61-151-074 ....Vent Tool $8.95

1-03135-00: Tactile Town: 3-D O&M Kit, pg. 141

61-221-001 ....Bag A, Buildings $65.60
61-221-002 ....Bag B, Street/Scenery Set $54.55
- Pond
- Dividing Lane/ Median
- Splitter Island
- Railroad Track
- Road Dashes
- Crosswalk Set
- Sidewalk Set
- Arrows Set

61-221-003 ....Bag C, 3-D Components $46.70
- Pond
- Railroad Track
- Crosswalk Set

61-221-004 ....Bag D, Grassy Sections $151.10*
- Grassy sections set, sewn

**Bag D contains hook/loop material dots*

WARNING: Choking Hazard—Small Parts.

1-08152-00: Tools for Assessment and Development of Visual Skills (ToAD), pg. 7

61-141-073 .... Mirror with Stand $15.20
61-257-004 ... Tangle Toy $19.95
61-314-026.... Felt Board $27.35
61-357-001.... Foam Puzzle Set/Apple, Butterfly, Snowflake, Sock, Star $66.10
61-357-002.... Foam Squares Set $5.00
61-357-028.... Mylar Pompon $19.10
61-357-034.... Billy Bird Puppet $16.65
61-357-039.... Lucite Triangle Puzzle Set $64.70
61-357-051 .... ToAD Accessory Pack #1 ..... $42.85
61-357-052.... ToAD Accessory Pack #2 ..... $22.50
61-357-053 ..... ToAD Accessory Pack #3 ..... $28.45
61-357-055 ..... User's Guidelines, Braille $5.00

WARNING: Choking Hazard—Small Parts.

WARNING: Choking Hazard—Small Parts.

1-01140-00: U.S. Puzzle Map, pg. 67

61-050-001 ... Gray States (AL, AK, AZ, MO, NH, NJ/DE, ND, OH) $74.40
61-050-002... Orange States (FL, ID, IN, MS, NC, OK, PA, SD, VT) $74.40
61-050-003... Green States (IL, KS, LA, MN, NV, NM, NY, TN, WA, WV, WY) $75.90
61-050-004... Yellow States (AR, CA, CO, CT/ RI: 2 ea., GA, IA, ME, MI, MT, VA) $75.90
61-050-005... Purple States (HI, KY, MD, MA: 2 ea., NE, OR, SC, TX, UT, WI) $75.45
61-050-007... Masking Overlay Sheets $8.65

1-07520-00: Walk/Run for Fitness Kit, pg. 77

61-191-002..... Personal Guidewire System $84.30
61-191-005..... Shoulder Sling Carrying Pack $12.70
61-191-014 ..... Talking Pedometer Pack $52.35
61-191-015 ..... Accessory Pack..... $16.65

1-08460-00: Web Chase, pg. 168

61-131-027 .... Tactile Dice.....$5.00
61-133-019 .... Divided Card Holder $13.95
61-133-021 .... Player Lunch Trays $41.55
61-133-022.... Obstacle/Advantage Card Deck..$35.40
61-133-025.... Spider Tokens $7.30
61-133-026.... Textured Prey Pieces $43.65
61-133-027.... Shape Prey Pieces $88.15
61-133-029.... Instructions, Print/Braille $10.05

WARNING: Choking Hazard—Small Parts.

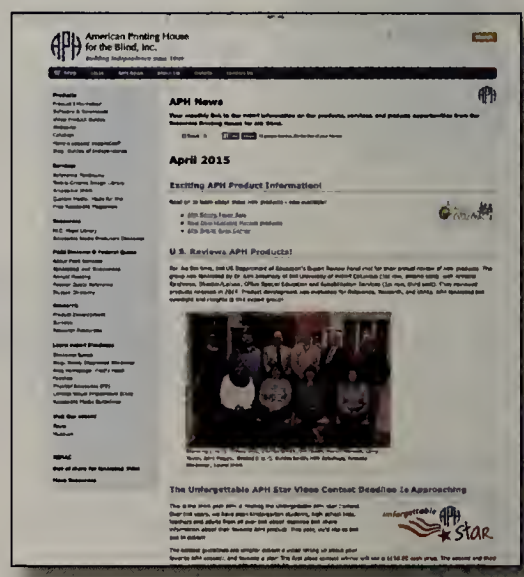
1-03690-00: Wooden Junior Constructo Set, pg. 173

61-241-001.....23 in. Wooden Length..... $14.75
61-241-002.....16 in. Wooden Length..... $14.45
61-241-003.....9 in. Wooden Length.....$11.75
61-241-004 ....2 7/8 in. Right Angle Joint $12.75
61-241-015 .....Bolt..... $5.30
61-241-016 .....Nut..... $5.00

WARNING: Choking Hazard—Small Parts.

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit **www.aph.org** or call customer service at **1-800-223-1839**.



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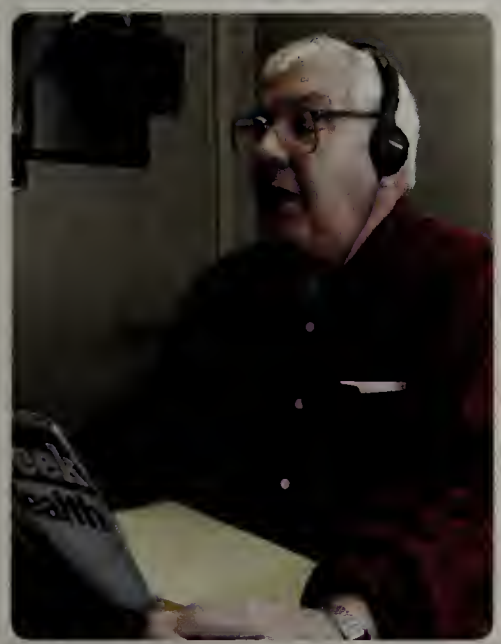

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- Corporate reports
- Invoices
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- Menus
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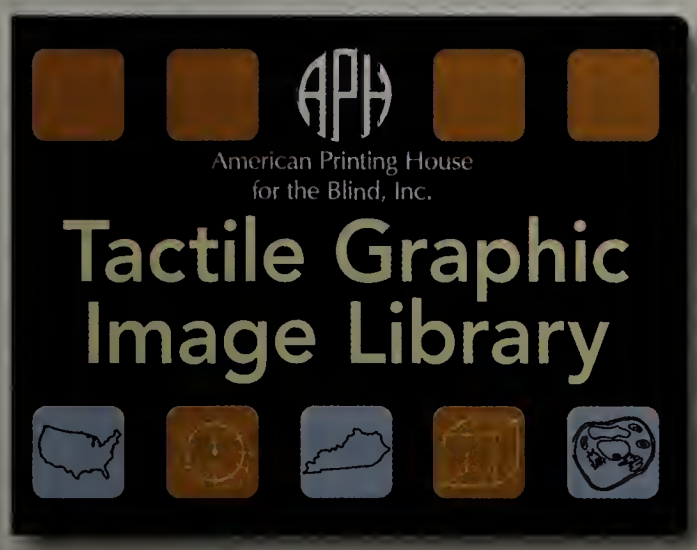

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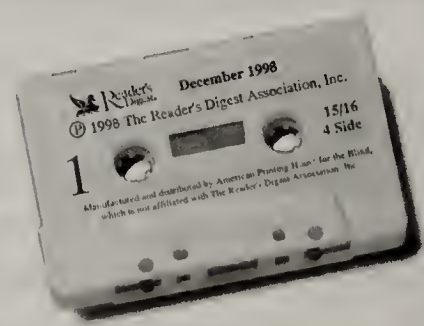
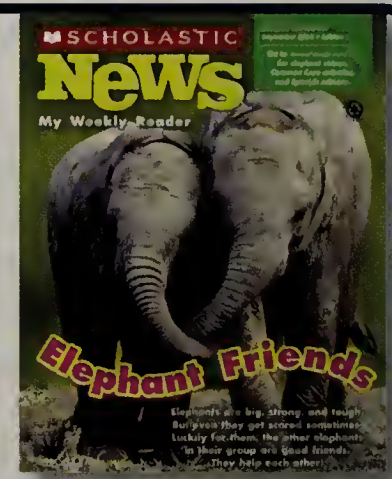
We encourage you to submit your tactile graphics templates to the TGIL! Please send to tginfo@aph.org





Magazine Subscriptions

Magazine	Accessible Format	Annual Subscription Fee
Reader's Digest®	Braille	Optional $171.00
	Cassette Tape (15/16, 4-Track)	Optional $17.00
	Digital Download	Optional Donation
Newsweek®	Cassette Tape (15/16, 4-Track)	Optional $51.00
	Digital Download	Optional Donation
Scholastic News® (formerly Weekly Reader®)	Braille	contact APH (800-223-1839)
	Large Print	contact APH (800-223-1839)

APH provides free *Readers Digest®* or *Newsweek®* in accessible formats for blind and visually impaired people across the country. If you or someone you know would benefit from this free service, please contact Customer Service at **1-800-223-1839** or **cs@aph.org**
Gift subscriptions are available at the above rates. Non-U.S. citizens MUST pay the above subscription rates. Contributions to defray costs are welcomed.

Cassette editions require a Talking Book-type tape player, which plays specially recorded tapes. These players are available on a free loan basis from the library in your state that serves visually impaired or physically disabled readers.

APH offers several versions of *Scholastic News (formerly Weekly Reader)* in both large print and braille: 2nd Grade, 3rd Grade, Senior (Grades 4th, 5th, and 6th), Junior Scholastic, and Science World. **Note: Scholastic News *is not offered free-of-charge.***

For more information or to support APH's accessible magazine program, call **1-800-223-1839** or visit **www.aph.org/development/magazines/** The American Printing House for the Blind, Inc. is a 501(c)(3) nonprofit organization. Gifts are tax-deductible.

Note: *Reader's Digest®, Large Print Edition* is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-800-807-2780 / **www.rd.com**

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.; Scholastic News is a trademark of Scholastic News Corporation.

Be Inspired In Our Museum!

Learn the fascinating history of people with vision loss who took a leading role in their own education. Visit the unique **Museum of the American Printing House for the Blind** to celebrate the heroes of the blindness community. Explore accessible exhibits on: tactile alphabets, braillewriters, orientation and mobility, Talking Books, historic tools for teaching the core curriculum, and more. **Guided tours of APH's one-of-a-kind factory** are incredible! Observe braille production, recording of Talking Books, and a demonstration of educational products. Advance reservations are required for groups of 10 or more. **It's FREE!**

Museum Hours

8:30 a.m. to 4:30 p.m. EST Mon.-Fri., *except holidays*, and 10:00 a.m. to 3:00 p.m. on Sat.

Plant/Museum Tour Hours

10:00 a.m. and 2:00 p.m. EST Mon.-Thurs., *except holidays*, Tour length: approx. 1 1/2 hrs.

For more tour information, contact the APH Public Affairs Dept.: 502-895-2405, ext. 242 or 1-800-223-1839.

APH Museum Traveling Exhibits: Bring History to Life at Your Location

Our newest traveling exhibit, **"Child in a Strange Country: Helen Keller and the History of Education for People Who Are Blind or Visually Impaired" is available!** For booking information, call **502-899-2365**.

The Museum of the American Printing House for the Blind offers traveling history exhibits. Each draws on our museum's unique collection and extensive research on the history of the education of people who are blind. You can rent these exhibits for display at your school, library, or other organization.

- **"Building A Future: U.S. Residential Schools for Blind and Visually Impaired Students"**
- **"War of the Dots"**
- **"Historic Braillewriters"**

For additional information, visit **www.aph.org/museum/traveling.html** or Email: **mhudson@aph.org**

Helen Keller Exhibit

APH is home to the **Hall of Fame for Leaders and Legends of the Blindness Field**, dedicated to preserving, honoring, and promoting the tradition of excellence manifested by the specific individuals inducted into the Hall of Fame and through the history of outstanding services provided to people who are blind or visually impaired.

The Hall is located at APH but belongs to the entire field of blindness. Kiosks display accessible bas-relief plaques of the legends and cases display artifacts.

Visit the virtual Hall of Fame at **www.aph.org/hall/index.html**

Hall of Fame inductees:

Georgie Lee Abel
Edward Ellis Allen
Samuel Ashcroft
Robert Atkinson
Col. E. A. Baker
Natalie Barraga
Mary K. Bauman
Donald Blasch
Warren Bledsoe
Charles F.F. Campbell
Fr. Thomas Carroll
Michael T. Collins
Cleo Dolan
William English
Eleanor E. Faye
Martha Morrow Foxx
Morris Frank
Kathern Gruber
William Hadley
Phil Hatlen
Euclid Herie
Everett "Butch" Hill
Richard Hoover
Samuel Gridley Howe
Douglas Inkster
Robert Irwin
Kenneth Jernigan
Laurence C. Jones
Ruth Kaarlela
Helen Keller
Roy Kumpe
Berthold Lowenfeld
Anne Sullivan Macy
Sally Mangold
Durward McDaniel
M.C. Migel
Abraham Nemeth
Arnall Patz
Alice Raftary
Newel Perry
Louis Rives, Jr.
Sally Rogow
Peter Salmon
Stanley Suterko
Mary Switzer
Josephine Taylor
Dean Tuttle
Louis Vieceli
Donald Wedewer
Richard L. Welsh
Robert Whitstock
Russell Williams
J. Max Woolly
"Pete" Berdell Wurzburger

Support the Hall of Fame

The Wall of Tribute is located in the Hall of Fame. You can honor a significant person or organization in your life while at the same time supporting the Hall by placing an engraved stone in one of the elegant columns.

For information on sizes of stones and donation levels, please click on "Hall of Fame" link on the APH home page then select "Wall of Tribute" or call 800-223-1839, ext. 361.

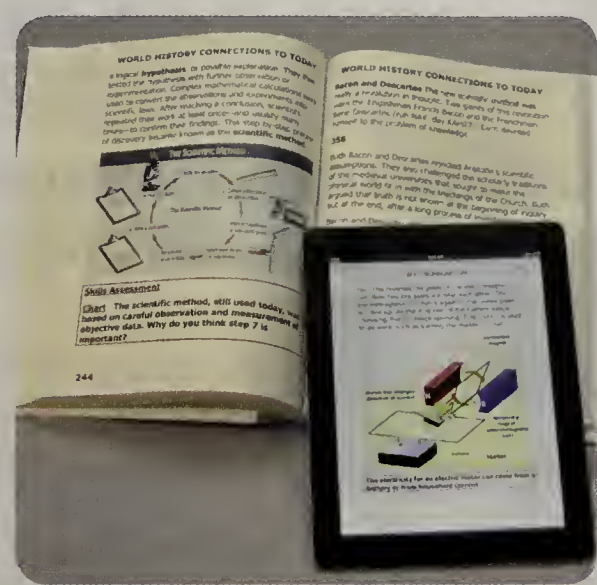
APH Accessible Textbooks Department

Accessible Textbooks Department

• APH Large Print Textbooks in Standard Textbook Size

The **APH Large Print Process** uses proprietary software to create large print textbooks at standard textbook size! This large print textbook is full-color with a minimum 18-point font size printed on 8 1/2 x 11 inch paper. This style is best suited to grades 6–12.

The traditional **APH Enlarged Print Process** continues to be available. All enlarged print books are in full color (if the original submitted book is in color). This process prints the textbooks on 11 1/2 x 14 inch paper.



• Digital Large Print Textbooks for Download!

Hundreds of large print textbooks are available for purchase in **PDF format** and may be read on Kindle®, iPad®, a laptop, or many other digital readers! Visit **www.aph.org/atic/atic-ebook.html**

• Many downloadable large print textbook files from the APH File Repository have image descriptions.

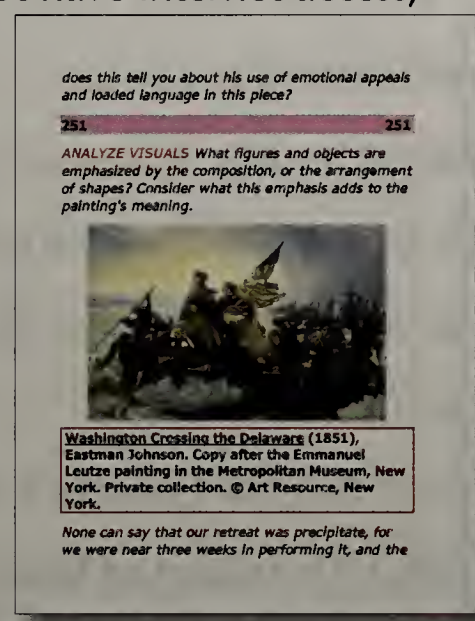
• Braille Textbooks

APH offers **braille textbooks** featuring full-color covers and a unique, easy-to-handle fold-back binding.

• Textbook Ordering Process

You are not required to send in print copies of textbooks for braille or large print/enlarged print orders! APH will provide the print textbooks.

To order an APH textbook in braille or large print/enlarged print, you must go to the APH website, click on the Accessible Textbooks link in the left-hand navigation bar, and fill out the braille or large print order form. Please visit **www.aph.org/atic/index.html** If you do not have internet access, contact APH and we will be happy to mail or fax you the forms.



does this tell you about his use of emotional appeals and loaded language in this piece?

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ANALYZE VISUALS What figures and objects are emphasized by the composition, or the arrangement of shapes? Consider what this emphasis adds to the painting's meaning.

Washington Crossing the Delaware (1851), Eastman Johnson. Copy after the Emmanuel Leutze painting in the Metropolitan Museum, New York. Private collection. © Art Resource, New York.

None can say that our retreat was precipitate, for we were near three weeks in performing it, and the

• Required Steps for Ordering Textbooks

1. Complete your textbook order form.
2. Complete your Federal Quota or Purchase Order Form.
3. Photocopy or scan the following pages of your textbook:
   The front and back cover of the book
   The title page
   The back of the title page (including copyright and ISBN information)

All information must be submitted together before your order can be processed. You can mail, fax, or email it!

For additional information about large print orders, email **largeprint@aph.org**. For additional information about braille orders, email **ATIC@aph.org** You may also call **800-223-1839** for information about large print, braille, or digital downloads.

Cortical Visual Impairment: Website and APH Products

Website Offers a Wealth of CVI Information

APH offers information about Cortical Visual Impairment (CVI) to consumers via the internet. This website features a wealth of information from different sources and viewpoints. Sections include a definition of CVI, intervention strategies, advocacy and resources, and many more.

The website is an evolving resource of current knowledge on this leading cause of blindness. It provides information from medical, educational, and parental perspectives, as well as allowing an open door to communicate on the topic.

To explore the CVI website, go to **www.aph.org/cvi/**

Suggested Products for Use with Children with CVI

Here is a list of some APH products that may be appropriate for use with children who have Cortical Visual Impairment:

All-In-One-Board **1-08836-00**

CVI Complexity Sequences Kit **1-08156-00**

***CVI Perspectives* Informational Video DVD** **1-30014-DVD**

Invisiboard **1-08541-00**

Light Box 1-08660-00

Light Box Materials Kit, Level I 1-08670-00

Light Box Materials Kit, Level II, full kit 1-08680-00
- Pegs/Pegboard 1-08665-00
- Familiar Object Picture Cards 1-08666-00

Mini-Lite Box 1-08661-00

Mini-Lite Box Transparent Overlays 1-08662-00

Picture Maker: Wheatley Tactile Diagramming Kit 1-08838-00

Sensory Learning Kit (SLK) 1-08611-00

Swirly Mats: CVI 1-08153-00

TADPOLE Kit (selected items) 1-08155-00

ToAD Kit (selected items) 1-08152-00

Ayuda a Nuestros Clientes en Español

A nuestros clientes hispano hablantes:

Nos complace proporcionar servicio al cliente y poder asistirle en español. Por medio de corréo electronico, podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH ofrece cada vez más productos en español? Búsque estos productos en nuestra página de internet, o pida información a nuestros representantes acerca de estos productos.

Su patrocinio es muy importante para nosotros, gracias.

El personal de la American Printing House for the Blind, **cs@aph.org**

APH ofrece ciertos productos y manuales en español.

Boehm-3 Preschool Big Picture Kit: 1-03880-00 20

Child-Guided Strategies: 1-31001-SP 14

Classroom Calendar Kit: 1-18973-00 90

Light Box Materials Activity Guides
- Level I: 7-08670-SP 132
- Level II: 7-08680-SP 132
- Level III: 7-08690-SP 132

Parent Early Childhood Educational Series: 7-96202-00 16

Tactile Connections Guidebook: 7-08837-SP 81

Zeitgeist Talking Time Machine: 1-03974-SP 159

How to Order: At-A-Glance

U.S. Customers Order Online:

- Go to **http://shop.aph.org** for accessible, secure ordering
- System is friendly for synthetic speech and large print users
- One-time, easy account setup
- Purchase on-line using: Discover®, MasterCard®, Visa®, or American Express®; Purchase Order; or Federal Quota funds

Order by Phone:

- **800-223-1839**: Call toll free (U.S. and Canada) and use a credit card.

Order by Mail:

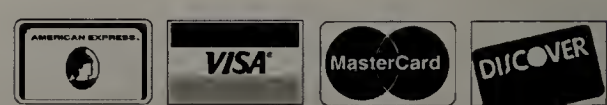
- Mail an APH order form or a letter stating desired items and quantities. Include a check, money order, or credit card number with expiration date and security code.
- Mail to:
  American Printing House for the Blind, Inc.
  1839 Frankfort Avenue
  P.O. Box 6085
  Louisville, KY 40206-0085
- **IMPORTANT:** Checks and money orders must be in U.S. dollars. Kentucky residents include 6% sales tax.

Ordering for an Organization:

- If you have an account established with APH, use your organization's purchase order; otherwise use a check or credit card. If you are ordering with Federal Quota funds, send a Quota Order Form signed by the Ex Officio Trustee assigned to your account.

Shipping Methods:

- Shipping Methods within the U.S.: Most material ordered by or for people who are visually impaired can be shipped Free Matter for the Blind. Some exceptions apply—please see the detailed ordering information that follows.
- If you wish to use another type of shipping, contact APH before placing the order. APH will give you the cost of shipment based on the items you order and the type of shipment preferred. This amount must be sent along with the purchase price of the items. Please also note on your order the type of shipment you prefer.



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How to Order: Detailed Information
http://shop.aph.org

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • P.O. Box 6085 • Louisville, KY 40206-0085
Phone: 502-895-2405 • 800-223-1839 • Fax: 502-899-2284

For Domestic Customers—Ordering Methods and Terms of Payment

Ordering Methods—Domestic:

Order by one of the following methods:

- **Website:** U.S. customers order at **http://shop.aph.org**
  System is accessible and secure. Purchase on-line using: Discover®, MasterCard®, Visa®, or American Express®; Purchase Order; or Federal Quota funds. There is a one-time account set-up on our website for credit card orders. For purchase orders or Federal Quota orders, please call us to set up your on-line account. "Quick Order" if you know the catalog numbers.
- **Phone:** Call toll free in the U.S. or Canada: **1-800-223-1839** between the hours of 8:00 am and 4:30 pm Eastern Time. Use a credit card.
- **Mail:** An **APH Order Form for Individuals** or a letter in print or braille. Include either a check, money order, or credit card number with expiration date and security code. **Sorry no C.O.D.s.**
- **If you are ordering for an organization:** Mail or fax your organization's purchase order.
- **If you are ordering with Federal Quota funds:** For a residential school, state department of education, rehabilitation agency, or other agency which has been assigned Federal Quota funds, use a Quota Order Form. This form must be signed by the Ex Officio Trustee for your account prior to submission to APH.

Terms of Payment—Domestic

Payment must accompany order (with the exception of purchase orders and Federal Quota orders). APH accepts:

- Checks
- Money orders
- Discover®, MasterCard®, Visa®, or American Express®
- Purchase orders from organizations. Terms for open account orders are NET 30.

Sorry, no C.O.D.s.

Credit Card Orders: Please include the following:

- Card type
- Card number
- Security code
- Expiration date
- Signature
- Phone number

Kentucky State Sales Tax: Residents of Kentucky must send state sales tax along with the purchase price of their orders: Kentucky State Sales Tax: 6%

Please note that product prices are subject to change without notice.

For Customers Outside of the U.S.—Ordering Methods & Terms of Payment

International customers please order by one of these methods:

- To **order by credit card**, call **1-502-895-2405**, fax **1-502-899-2284**, or mail us a print or braille letter. Include your credit card number, expiration date, and security code.
- **Mail a check** from a U.S. bank.
- If you have an established account with APH, mail or fax us your organization's P.O. To establish an account, please call Accounts Receivable: **1-502-895-2405**.
- **Request a pro forma invoice:** Mail or fax a letter of inquiry specifying which products you wish to order. Also include whether you prefer shipment by surface or air mail. We will send you a pro forma invoice showing product prices and shipping costs.
- **Request a pro forma invoice online:** APH offers an easy-to-use form on our website for requesting a pro forma invoice. The form will prompt you for all of the information we need to give you a complete cost for your international order. Please visit **www.aph.org/products/proforma.html**

For All Customers—Ordering Information Needed

Please include the following information when ordering:

- Catalog numbers
- Quantity
- Product names
- Price each
- Total amount of purchase
- Method by which the products are to be shipped
- Kentucky state sales tax, shipping charges, and insurance charges, if applicable (see "Terms of Payment," "Shipping Methods," and "Insurance").
- Total amount due
- APH account number (if you are ordering with a purchase order or Federal Quota)

Shipping Methods

Shipping Methods within the U.S.: Most items ordered by or for people who are visually impaired will be shipped Free Matter for the Blind, unless otherwise requested. **Note:** *Certain high-dollar items cannot be shipped Free Matter.*

To have items shipped other than Free Matter, write or call APH before placing an order. Tell us the items you wish to order and the type of shipment preferred. APH will then give you the cost of shipment. The shipment cost must be sent along with the purchase price of the items when you mail in the order. Also write on your order the type of shipment you prefer. Shipment choices other than Free Matter within the U.S. include:

- **U.S. Postal Service® Priority Mail:** 2–3 day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery.
- **U.S. Postal Service® Express Mail:** Guaranteed next day delivery to most addresses (including P.O. boxes), 7 days a week, 365 days a year.
- **United Parcel Service® (UPS) Ground:** 4–7 day delivery to street addresses only **(no P.O. boxes)**. No weekend or holiday delivery.
- **UPS 3-Day:** Guaranteed 3-day delivery to street addresses only **(no P.O. boxes)**. No Saturday, Sunday, or holiday delivery.
- **UPS 2-Day:** Guaranteed 2-day delivery to street addresses only **(no P.O. boxes)**. No Saturday, Sunday, or holiday delivery.
- **UPS Overnight:** Guaranteed next day delivery to street addresses only **(no P.O. boxes)**. Additional charges for Saturday delivery. No Sunday or holiday delivery.

Note: *Normal APH order processing time is 5-10 working days before a product is actually shipped.*

Shipping Methods Outside of the U.S.: Certain items ordered by or for visually impaired people can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). These include books, paper, and slates/styluses. The shipping charges for all other APH items must be paid by the customer. We recommend shipment by Priority Mail International airmail®, as surface mail is slow. All export and/or import duties, brokerage fees, etc., are paid by the customer. Please check with your customs broker to make arrangements in advance.

Two Ways to Order APH Software Products

APH offers two convenient ways to order most of our software products.

- Order the CD-ROM via website, toll-free, or mail.
- Purchase the program through **Digital Download**. Download the demonstration version of the software from our website **(http://tech.aph.org)**. Then call our toll free number **(800-223-1839)** and give us your credit card number. Within 24 hours, we will give you a code key that transforms your demo copy of the software into a full copy.

Note: *APH offers Demo versions of our software for you to try. Once CDs have been opened, they may only be returned if they are defective. To request a free Demo Disc containing software demos and accessible versions of APH catalogs, call* **800-223-1839** *or download demos at:* **http://tech.aph.org**

Returns Policy

Defective Merchandise:

APH makes every effort to inspect merchandise before it leaves our facility. If by chance you do receive an item which is defective, we will repair or replace it at no cost to you (we reserve the right to choose whether we will repair or replace the item). In the case of items that have a specific warranty, we must be notified within one year of the date the item was shipped to the end user. In the case of items that do not have a specific warranty, we must be notified within 30 days of the date the item was shipped to the end user. For more information on warranties, please refer to the following section.

Other Returns:

We want you to be satisfied! You may return most APH products for any reason within 60 days of the date that the item was shipped from APH, subject to the following conditions:

- We require prior authorization for a return. Write or call APH Customer Service to explain which items you would like to return. We will give you a Return Authorization Number. When returning the items to APH, please write this Return Authorization Number on the outside of the shipping container. APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.
- When returning items to APH, include your original purchase order number or a copy of the original packing slip or invoice. This will allow us to process your return more quickly.
- Items must be nondamaged and in a resalable condition.
- A 10% restocking charge may be deducted from your refund.

Notes: 1.) The following items may not be returned for any reason other than defects, and **2.)** An order for the following books may not be canceled once production of the book has begun:

- Software: APH offers free demo versions of our software for you to try. Once you have ordered a full copy of the software, whether a CD or an electronic download, the software may not be returned. The only exception is that you may return a defective CD.
- Special-order items, including custom-made books

Note: An order for the following books may not be canceled once production of the book has begun:

- Large print books (catalog number prefixes 4-, A-L, F-, J-, L-, L-C, or M-)
- Braille Books (catalog number prefix A-B or T-N)

Limited Warranties on APH Products

All APH products are covered by a limited warranty. Certain products are covered by a warranty that expires one year from the date the item is shipped to the end user. All other products are covered by a warranty that expires 30 days from the date the item is shipped to the end user. Warranty does not apply in cases of customer modification, misuse, or abuse of APH products.

Warranty on Repairs

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. *Please note that extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.*

General Repair Policy

If you are experiencing trouble with an APH product, please call **800-223-1839**. It is possible that we can solve your trouble over the phone.

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to some restrictions). Please ship the product to us along with a written description of the problem.

Orion Talking Calculators: Warranty and Non-Warranty Repairs

Customers should notify Customer Service at **800-223-1839** or **cs@aph.org** for special instructions for repairs of the **Orion TI-36 Talking Scientific Calculator** (1-07335-01) and the **Orion TI-84 Talking Graphing Calculator** (1-07340-00). *These calculators should not be returned to APH for repair.*

Products Out of Warranty

FEE TO BE DETERMINED FOR REPAIR

Some products do not have a set fee for repairs due to the wide range of prices for repair parts. A non-refundable evaluation/handling fee is charged for these items, which includes return shipping by UPS. Before products are repaired, you will be notified for your approval of the repair fee. If you choose to have the item repaired, the evaluation/handling fee will be applied toward the cost of the repair.

The following products have a non-refundable evaulation/handling fee:

- **Refreshabraille 18:** 1-07445-01 ..... $120.00
- **VisioBook:** 1-03913-00 ..... $120.00
- **Braille Plus 18:** 1-07466-00 *(discontinued)*..... $120.00
- **Book Port Plus:** 1-07191-00.....$50.00
- **Book Port DT:** 1-07200-00.....$50.00
- **Perkins/APH Brailler:** 1-00800-00 ... $135.00

SET FEE FOR EACH PRODUCT FOR REPAIR

There is a specific, set repair fee for some commonly serviced APH products. The fee is to be submitted at the time the product is shipped to APH for repairs. Please be sure to include a written description of the problem. You may pay the fee with a check; money order; Discover®, MasterCard®, Visa®, or American Express® credit card; purchase order; or Federal Quota order. If you do not include the set repair fee, your equipment will not be repaired until the fee is received. You will not be charged more than the set fee for a particular item no matter how extensive the necessary repair. Items which are not repairable will be returned to you. For an unrepairable item, you will receive a refund of the repair fee, with a $5.00 handling charge deducted.

Set Repair Fees for APH Products:

- **Handi-Cassette II:** 1-07085-00 *(discontinued)*.....$85.00
- **Light Boxes:** 1-08660-00 *(discontinued)*, 1-08669-00 (current)..... $155.00
- **Mini-Lite Box:** 1-08661-00 .....$65.00
- **Perkins Braillers:** 1-00815-00, 1-00850-00 *(discontinued)*, 1-00860-000 *(discontinued)*..... $150.00
- **Portable Sound Source III:** 1-03040-01 *(discontinued)*.....$50.00
- **Portable Sound Source 2003:** 1-03040-02.....$50.00

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Note: In the near future, we will launch a web page listing our UEB transcribed products.

Catalog Production Credits

Editorial: Scott Blome, Stephanie Lancaster, Drew Lueken;
Design: Stephanie Lancaster; **Project Assistant:** Drew Lueken

Products Catalog Committee 2015-2016:

Ralph Bartley, Janie Blome, Scott Blome, Bob Brasher, Chris Garr, Kate Herndon, Jeremy Johnson, Stephanie Lancaster, Drew Lueken, Heather MacKenzie, Marsha Overstreet, Chris Prentice, Cathy-Senft-Graves, Jane Thompson

Policies regarding UEB Transition at the American Printing House for the Blind (APH)

Louisville, Kentucky, July 24, 2014 –APH has announced its plan for transition into Unified English Braille (UEB).

In November 2012, the Braille Authority of North America (BANA) voted to adopt UEB as an official code for the United States. The formal motion approved reads as follows:

> "Therefore, it is moved that the Braille Authority of North America (BANA) adopts Unified English Braille to replace the current English Braille American Edition in the United States while maintaining the Nemeth Code for Mathematics and Science Notation, 1972 Revision; the Music Braille Code 1997; and the IPA Braille Code, 2008. The official braille codes for the United States will be Unified English Braille, Nemeth Code for Mathematics and Science Notation, 1972 Revision and published updates; Music Braille Code, 1997; and The IPA Braille Code, 2008."

In October 2013, BANA conducted its first UEB Transition Forum, which was held concurrently with APH's Annual Meeting. This meeting of representatives designated by organizations directly involved in the adoption of UEB was convened to facilitate the planning of a coordinated transition between existing braille codes and UEB. Participants at this meeting collectively chose the date of January 4, 2016, as the date by which most phases of the transition to UEB will be completed or plans for completion will be in place. This date, Louis Braille's birthday, was affirmed by BANA at its November 2013 meeting.

Following these votes, APH has been engaged in analyzing what this change will mean for the textbooks and educational materials APH provides to students who are blind and visually impaired in the United States and its outlying areas. General information on APH's UEB Transition Plan is indicated below.

- Orders for textbooks in subjects using literary braille (i.e., social studies and language arts), not previously transcribed, will be produced in UEB for the 2015-16 school year.
- Orders for textbooks in technical subjects (i.e., science and mathematics), not previously transcribed, will be produced in UEB and/or UEB with Nemeth Code for the 2015-16 school year.
- Textbooks previously transcribed will be available in their original codes, following APH's policy of not duplicating previously transcribed textbooks and supplementary materials.
- APH will transcribe assessment materials in the codes requested by customers who contract with APH to make assessments accessible in hardcopy and/or refreshable braille. APH recognizes that assessment materials must be available in the code that is used most efficiently by each test taker (as indicated on his/her Individual Education Plan or 504 Plan). APH is committed to providing multiple formats for these high stakes assessments.
- APH will gradually transition instructional and assessment-related catalog products and materials to UEB and UEB with Nemeth Code throughout the next several years.

The American Printing House for the Blind is committed to the highest standards of access to educational materials, textbooks, and assessments for students who are blind and visually impaired. APH remains committed to its customers and partners, and looks forward to working collaboratively as the United States transitions to Unified English Braille.

Federal Quota Funds Could Help Purchase APH Materials for Your Students!

The federal Act to Promote the Education of the Blind provides funds for accessible educational materials for eligible students who meet the definition of blindness. An annual registration of eligible students determines a per capita amount of money specifically designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). These funds are credited to Federal Quota accounts maintained and administered by APH and its Ex Officio Trustees throughout the United States and Outlying Areas.

Who Is Eligible?

While there is no chronological age limit for eligibility, for students to be eligible to participate in the Federal Quota Program, they MUST meet the following requirements:

- **Meet the definition of blindness** – a central visual acuity of 20/200 or less in the better eye with best correction; or a peripheral field of vision no greater than 20 degrees; or **function at the definition of blindness**, when visual performance is reduced by a brain injury or dysfunction, and visual performance meets the definition of blindness as determined by an eye care specialist or neurologist.
- Be enrolled in a formally organized public or private, nonprofit educational program of less than college level.
- Infants, preschool, and school-aged students must be enrolled with the registering school or agency on the first Monday in January.
- Eligible adult students are those who meet the definition of blindness and who are enrolled in instructional programs, at less than college level, for 20 hours per week. Social and leisure programs do not qualify as instruction; however, student practice to develop skills can be included in instructional hours. Registration will be determined by the number of students enrolled throughout the previous calendar year for at least three months of instruction (an accumulation of 12 weeks).

Who Are the Ex Officio Trustees?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

Want More Info?

For more information about the Federal Quota program, visit **www.aph.org/advisory/index.html** or call **1-800-223-1839**. On our website, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for APH materials purchased with Federal Quota funds: **www.aph.org/federal-quota/trustees.html**

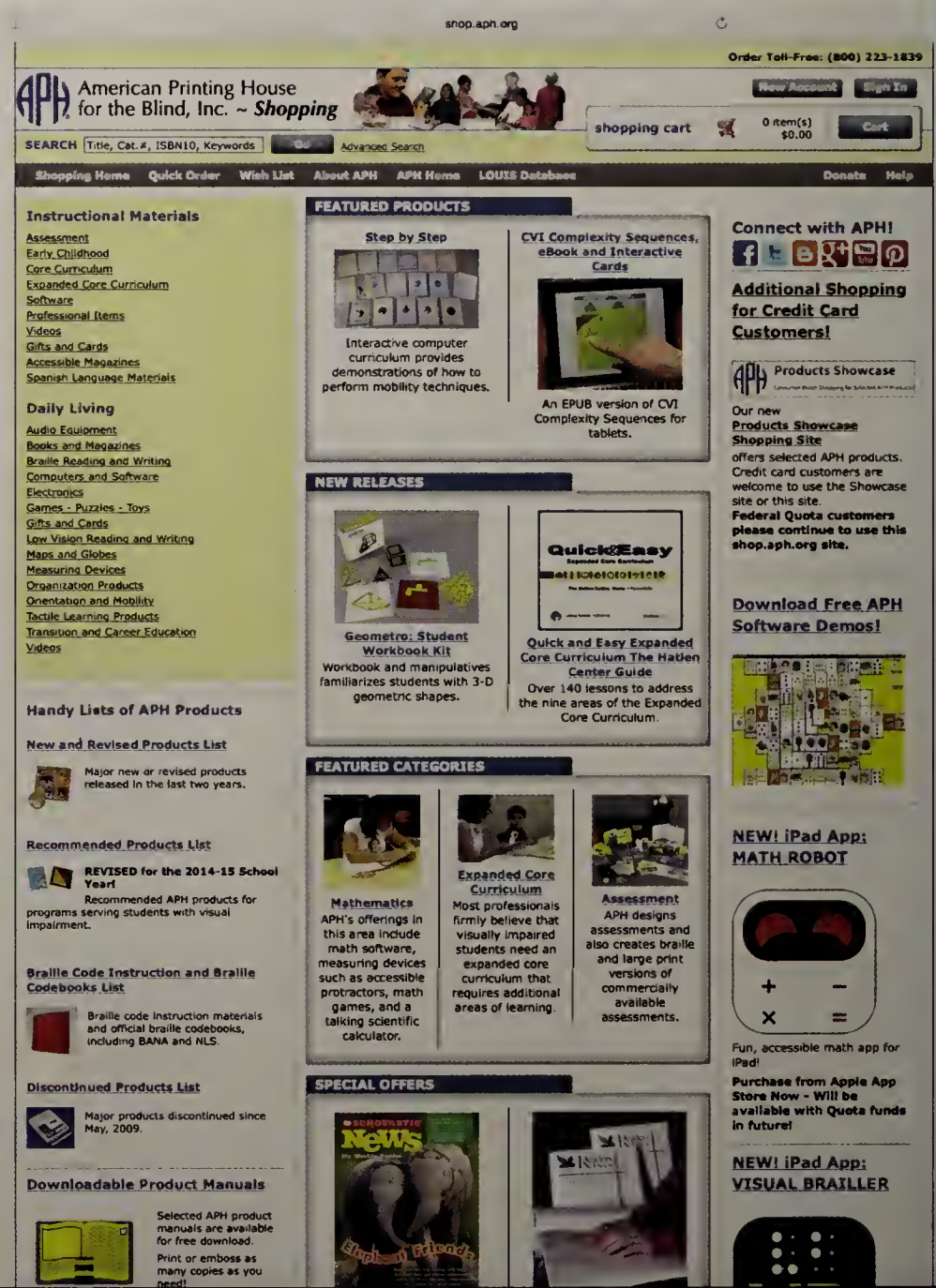
American Printing House
for the Blind, Inc.
1839 Frankfort Avenue
P.O. Box 6085
Louisville, KY 40206-0085

http://shop.aph.org

Our Full Shopping Site Is For All Customers!

Are you a Federal Quota customer? Using a purchase order? Are you a consumer using a credit card? We welcome you to shop at our full site, **http://shop.aph.org**

Additionally, credit card customers may now choose to shop at **showcase.aph.org**, an easy-to-use site featuring select APH products!



Two ways to shop for unique APH products!